

Protein List

PIXELGEN PROXIOME KIT

IMMUNO 155, Human

Product number: PROXIMM001

Summary: These 155 proteins and 3 controls were chosen to unlock the dynamic protein interactome by Proximity Network Assay.

Number	Target	CD antigen	Alternate name	Full Target name	UniProt #
1	CD1a	CD1a		T cell surface glycoprotein CD1a	P06126
2	CD1b	CD1b		T cell surface glycoprotein CD1b	P29016
3	CD1c	CD1c		T cell surface glycoprotein CD1c	P29017
4	CD1d	CD1d		Antigen-presenting glycoprotein CD1d	P15813
5	CD2	CD2		T cell surface antigen CD2	P06729
6	CD3e	CD3e		T cell surface glycoprotein CD3 epsilon chain	P07766
7	CD4	CD4		T cell surface glycoprotein CD4	P01730
8	CD5	CD5		T cell surface glycoprotein CD5	P06127
9	CD6	CD6		T cell differentiation antigen CD6	P30203
10	CD7	CD7		T cell antigen CD7	P09564
11	CD8A/ CD8B	CD8		T cell surface glycoprotein CD8 a/b chains	P01732/ P10966
12	CD9	CD9		CD9 antigen	P21926
13	CD10	CD10	NEPRILYSIN	Neprilysin	P08473
14	CD11a	CD11a	ITGAL/ +CD18 LFA-1	Integrin α -L	P20701
15	CD11b	CD11b	ITGAM	Integrin α -M (ITGAM)	P11215
16	CD11c	CD11c	ITGAX	Integrin α -X	P20702
17	CD13	CD13	ANPEP	Aminopeptidase N	P15144
18	CD14	CD14		Monocyte differentiation antigen CD14	P08571
19	CD16	CD16	Fc γ RIII	Low-affinity immunoglobulin gamma Fc region receptor III-A and -B	P08637/ O75015
20	CD18	CD18	ITGB2	Integrin beta 2	P05107
21	CD19	CD19		B-lymphocyte antigen CD19	P15391
22	CD20	CD20		B-lymphocyte antigen CD20	P11836
23	CD21	CD21	CR2	Complement receptor type 2	P20023
24	CD22	CD22		B-cell receptor CD22	P20273



Number	Target	CD antigen	Alternate name	Full Target name	UniProt #
25	CD24	CD24	HSA	Signal transducer CD24	P25063
26	CD25	CD25	IL2RA	Interleukin-2 receptor subunit alpha	P01589
27	CD26	CD26		Dipeptidyl peptidase 4	P27487
28	CD27	CD27		CD27 antigen	P26842
29	CD28	CD28		T cell-specific surface glycoprotein CD28	P10747
30	ITGB1	CD29	ITGB1	Integrin beta-1	P05556
31	PECAM1	CD31	PECAM-1	Platelet endothelial cell adhesion molecule	P16284
32	FCGR2B	CD32	FcγRII	Low-affinity immunoglobulin gamma Fc region receptor II-b	P31994
33	CD33	CD33	Siglec-3	Myeloid cell surface antigen CD33	P20138
34	CD34	CD34		Hematopoietic progenitor cell antigen CD34	P28906
35	CR1	CD35	CR1	Complement receptor type 1	P17927
36	CD36	CD36	FAT / SCARB3	Platelet glycoprotein 4	P16671
37	CD37	CD37		Leukocyte antigen CD37	P11049
38	CD38	CD38		ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1	P28907
39	CD39	CD39	ENTPD1	Ectonucleoside triphosphate diphosphohydrolase 1	P49961
40	CD40	CD40		Tumor necrosis factor receptor superfamily member 5	P25942
41	CD41	CD41	ITGA2B	Integrin α-IIb	P08514
42	CD43	CD43	Leukosialin	Leukosialin	P16150
43	CD44	CD44		CD44 antigen	P16070
44	CD45	CD45	PTPRC	Receptor-type tyrosine-protein phosphatase C. All 6 isoforms (ABC, AB, BC, B and O)	P08575
45	CD45RA	CD45RA		Receptor-type tyrosine-protein phosphatase C. Isoform (ABC, AB, and A)	P08575
46	CD45RB	CD45RB		Receptor-type tyrosine-protein phosphatase C. Isoform (ABC, AB, BC, and B)	P08575
47	CD45RO	CD45RO		Receptor-type tyrosine-protein phosphatase C. Isoform (ABC, AB, BC, and B)	P08575
48	CD47	CD47	Integrin associated protein	Leukocyte surface antigen CD47	Q08722
49	CD48	CD48	SLAMF2	CD48 antigen	P09326
50	CD49d	CD49D	ITGA4	Integrin α-4	P13612
51	CD49e	CD49e	ITGA5	Integrin α-5	P08648
52	ICAM3	CD50	ICAM-3	Intercellular adhesion molecule 3	P32942
53	CD52	CD52	CAMPATH-1	CAMPATH-1 antigen	P31358
54	CD53	CD53		Leukocyte surface antigen CD53	P19397
55	ICAM1	CD54	ICAM-1	Intercellular adhesion molecule 1	P05362
56	DAF	CD55	DAF	Complement decay-accelerating factor (DAF)	P08174
57	CD56	CD56	NCAM	Neural cell adhesion molecule 1	P13591
58	CD57	CD57	B3GAT1	Galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 1	Q9P2W7
59	CD58	CD58	LFA-3	Lymphocyte function-associated antigen 3 (LFA3)	P19256

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Number	Target	CD antigen	Alternate name	Full Target name	UniProt #
60	CD59	CD59	MAC_IP	CD59 glycoprotein	P13987
61	CD62P	CD62P	P-selectin	P-selectin	P16109
62	CD64	CD64	FcγRI	High affinity immunoglobulin gamma Fc receptor I	P12314
63	CD66b	CD66b	CEACAM8	Cell adhesion molecule CEACAM8	P31997
64	CD69	CD69		Early activation antigen CD69	Q07108
65	CD70	CD70	CD27L	CD70 antigen	P32970
66	CD71	CD71	TFR1	Transferrin receptor protein 1	P02786
67	CD72	CD72	Lyb-2	B-cell differentiation antigen CD72	P21854
68	CD73	CD73	NT5E	5'-nucleotidase	P21589
69	CD79A	CD79a	MB-1	B-cell antigen receptor complex-associated protein alpha chain	P11912
70	CD80	CD80		T-lymphocyte activation antigen CD80	P33681
71	CD81	CD81		CD81 antigen	P60033
72	CD82	CD82		CD82 antigen	P27701
73	CD84	CD84	SLAMF5	SLAM family member 5	Q9UIB8
74	CD85j	CD85j	ILT2	Leukocyte immunoglobulin-like receptor subfamily B member 1	Q8NHL6
75	CD86	CD86		T-lymphocyte activation antigen CD86	P42081
76	CD89	CD89	FCAR / FcαRI	Immunoglobulin alpha Fc receptor	P24071
77	CD90	CD90	Thy-1	Thy-1 membrane glycoprotein	P04216
78	CD93	CD93		Complement component C1q receptor	Q9NPY3
79	CD94	CD94		Natural killer cells antigen CD94	Q13241
80	FAS	CD95	FAS	Tumor necrosis factor receptor superfamily member 6	P25445
81	ICAM2	CD102	ICAM-2	Intercellular adhesion molecule 2	P13598
82	CD103	CD103	ITGAE	Integrin alpha-E	P38570
83	c-kit	CD117	KIT	Mast/Stem cell growth factor receptor Kit	P10721
84	CD123	CD123	IL3RA	Interleukin-3 receptor subunit alpha	P26951
85	CD127	CD127	IL7R-α	Interleukin-7 receptor subunit alpha	P16871
86	OX-40	CD134	OX40	Tumor necrosis factor receptor superfamily member 4	P43489
87	4-1BB	CD137	4-1BB	Tumor necrosis factor receptor superfamily member 9	Q07011
88	CD138	CD138	Syndecan 1	Syndecan-1	P18827
89	Thrombomodulin	CD141	Thrombomodulin	Thrombomodulin	P07204
90	CD150	CD150	SLAMF1	Signaling lymphocytic activation molecule	Q13291
91	CTLA4	CD152	CTLA-4	Cytotoxic T-lymphocyte protein 4	P16410
92	CD40-L	CD154	CD40L	CD40 ligand	P29965
93	ADAM10	CD156c	ADAM10	Disintegrin and metalloproteinase domain-containing protein 10	Q14672
94	KIR	CD158	KIR	Killer cell immunoglobulin-like receptor 2D (p50.3)	Q8N743

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Number	Target	CD antigen	Alternate name	Full Target name	UniProt #
95	KIR2DL1	CD158a	KIR2DL1	Killer cell immunoglobulin-like receptor 2DL1	P43626
96	KIR2DL2/DL3	CD158b	KIR2DL2/DL3	Killer cell immunoglobulin-like receptor 2D (p50.3)	P43627
97	NKG2A	CD159a	NKG2A	NKG2-A/NKG2-B type II integral membrane protein	P26715
98	NKG2C	CD159c	NKG2C	NKG2-C type II integral membrane protein	P26717
99	CD161	CD161	KLRB1	Killer cell lectin-like receptor subfamily B member 1	Q12918
100	CD162	CD162	SELPLG	P-selectin glycoprotein ligand 1	Q14242
101	CD163	CD163		Scavenger receptor cysteine-rich type 1 protein M130	Q86VB7
102	CD169	CD169	Siglec-1	Sialoadhesin	Q9BZZ2
103	CD180	CD180		CD180 antigen	Q99467
104	CCR1	CD191	CCR1	C-C chemokine receptor type 1	P32246
105	CCR2	CD192	CCR2	C-C chemokine receptor type 2	P41597
106	CCR3	CD193	CCR3	C-C chemokine receptor type 3	P51677
107	CCR9	CD199	CCR9	C-C chemokine receptor type 9	P51686
108	CD200	CD200		OX-2 membrane glycoprotein	P41217
109	CD206	CD206	Mannose receptor (MMR)	Macrophage mannose receptor 1	P22897
110	DC-SIGN	CD209	DC-SIGN	CD209 antigen	Q9NNX6
111	DNAM-1	CD226	DNAM-1	CD226 antigen	Q15762
112	LY9	CD229	LY9 / SLAMF3	T-lymphocyte surface antigen Ly-9	Q9HBG7
113	TALLA	CD231	TALLA	Tetraspanin-7	P41732
114	2B4	CD244	2B4 / SLAMF4	Natural killer cell receptor 2B4	Q9BZW8
115	BAFF-R	CD268	BAFF-R	Tumor necrosis factor receptor superfamily member 13C (BAFFR)	Q96RJ3
116	BCMA	CD269	BCMA	Tumor necrosis factor receptor superfamily member 17	Q02223
117	PD-L2	CD273	PD-L2	Programmed cell death 1 ligand 2 (PDL2)	Q9BQ51
118	PD-L1	CD274	PD-L1	Programmed cell death 1 ligand 1 (PDL1)	Q9NZQ7
119	CD277	CD277	BTN3	Butyrophilin subfamily 3 member A1	Q00481
120	ICOS	CD278	ICOS	Inducible T cell co-stimulator	Q9Y6W8
121	PD-1	CD279	PD-1	Programmed cell death protein 1 (PD-1)	Q15116
122	CD302	CD302		C-type lectin domain family 13 member A	Q8IX05
123	LAIR1	CD305	LAIR1	Leukocyte-associated immunoglobulin-like receptor 1	Q6GTX8
124	KG2DN	CD314	KG2DN	NKG2-D type II integral membrane protein	P26718
125	SLAMF7	CD319	SLAMF7	SLAM family member 7	Q9NQ25
126	EpCAM	CD326	EpCAM	Epithelial cell adhesion molecule	P16422
127	Siglec-7	CD328	Siglec-7	Sialic acid-binding Ig-like lectin 7 (SIGLEC-7)	Q9Y286
128	NKp46	CD335	NKp46	Natural cytotoxicity triggering receptor 1 (NKp46)	Q76036

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Number	Target	CD antigen	Alternate name	Full Target name	UniProt #
129	NKp30	CD337	NKp30	Natural cytotoxicity triggering receptor 3 (NKp30)	Q14931
130	CD352	CD352	NTB-A / SLAMF6	SLAM family member 6	Q96DU3
131	GITR	CD357	GITR	Tumor necrosis factor receptor superfamily member 18	Q9Y5U5
132	TIM3	CD366	TIM3	Hepatitis A virus cellular receptor 2	Q8TDQ0
133	Dectin-1	CD369	Dectin-1/ Clec7a	C-type lectin domain family 7 member A	Q9BXN2
134	CD371	CD371	Clec12a	C-type lectin domain family 12 member A	Q5QGZ9
135	B2M	B2M		Beta-2-microglobulin	P61769
136	CX3CR1	CX3CR1		CX3C chemokine receptor 1	P49238
137	GPR56	GPR56		Adhesion G-protein coupled receptor G1	Q9Y653
138	HLA-ABC	HLA-ABC		HLA class I histocompatibility antigen	P04439/ P01889/ P10321
139	HLA-DQ	HLA-DQ		HLA class II histocompatibility antigen, DQ	P01906/ P05538/ P01920/ P01909
140	HLA-DR	HLA-DR		HLA class II histocompatibility antigen, DR	P01903/ P01911
141	HLA-DR-DP-DQ	HLA-DR-DP-DQ		HLA class II histocompatibility antigen	P01903, P20036, P01909
142	IgD	IgD		Immunoglobulin delta heavy chain	P0DOX3
143	IgE	IgE		Immunoglobulin epsilon heavy chain	P0DOX4
144	IgM	IgM		Immunoglobulin mu heavy chain	P0DOX6
145	KLRG1	KLRG1		Killer cell lectin-like receptor subfamily G member 1	Q96E93
146	NKp80	NKp80		Killer cell lectin-like receptor subfamily F member 1	Q9NZS2
147	Siglec-9	CD329	Siglec-9	Sialic acid-binding Ig-like lectin 9	Q9Y336
148	TCRVB5	TCRVB5	TCR Vβ5	T cell receptor beta variable 5	*
149	TCRVD2	TCRVD2	TCR Vδ2	T cell receptor delta variable 2	A0JD36
150	TCRVG9	TCRVG9	TCR Vγ9	T cell receptor gamma variable 9	Q99603
151	TCRab	TCRab		T cell receptor alpha chain constant/beta constant 1	P01848/ P01850
152	TCRgd	TCRgd		T cell receptor gamma constant 1 /delta constant	P0CF51/ B7Z8K6
153	TCRva7.2	TCRva7.2	TRA,IMD7, TCRA, TCRVα7.2	T cell receptor alpha variable 7	A0A075B6U4
154	TIGIT	TIGIT		T cell immunoreceptor with Ig and ITIM domains	Q495A1
155	VSIR	VISTA		V-type immunoglobulin domain-containing suppressor of T cell activation	Q9H7M9

* This assay recognizes the TCRB part of the T cell receptor complex expressed by the HPB-ALL cell line [carrying V(beta 5.3)] and a small subset of peripheral blood T cells

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CONTROLS

Number	Full Target name
Isotype controls	
1	Mouse IgG1, kappa Isotype Control
2	Mouse IgG2a, kappa Isotype Control
3	Mouse IgG2b, kappa Isotype Control

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