

AptSci Aptamers

No	Target Proteins(Human)	Kd(nM)
1	ACVR1A / ALK-2	35.00
2	ACVR1B / ALK-4 / Actin RIB / SKR2	15.00
3	ACVR2A / Act R-IIa	1.41
4	ACVRL1	2.09
5	AGC1 / CSPG1 / ACAN	0.18
6	Akt1 / PKB alpha	0.50
7	Akt2 / PKB beta	4.48
8	Akt3 / PKBG	0.69
9	ALCAM / CD166	0.19
10	ASAM / CLMP / ACAM	4.45
11	Axl	5.35
12	Bcan / Brevican / BEHAB	21.08
13	BMPR-2	10.26
14	Cathepsin B / APPS / CTSB / CPSB	1.16
15	Cathepsin C / DPPI / Cathepsin J / CTSC	3.66
16	CD118 / LIFR	0.67
17	CD11a / Integrin α L β 2 / LFA1 / INaLb2	1.02
18	CD11b / Integrin α M β 2 / MAC1 / INaMb2	2.42
19	CD4 / L3T4 / T4	13.36
20	CD48 / BCM1 / SLAMF2 / BLAST-1	31.70
21	CD58 / LFA3	14.83
22	CD81 (TAPA-1, TMSF)	6.38
23	CD84 / SLAMF5	16.80
24	CDH11	14.55
25	CDH12 / CAD12	6.81
26	CDH3	10.80
27	CDH5 / 7B4	5.82
28	CDH6 / KCAD	0.56
29	CDHE / CDH1	0.22
30	CEACAM-5 / CEA / CD66e	12.34
31	CHL1 / CALL / L1-CAM2	0.72
32	Claudin1	6.99
33	CLF1 / CLC Complex	0.38
34	CNTFRA / CNTFR-alpha	2.63
35	CNTN4 / BIG-2	0.91
36	CNTN5 / NB-2	0.42
37	DDR1 / CD167A	4.14
38	DLL4	0.54
39	DNAM1 / CD226 antigen	91.22
40	EDAR	3.79
41	EGFR / ErbB1 / HER-1 / ErbB	0.62
42	EIF4A	2.37
43	EIF5B	3.41
44	Endoglin / CD105	60.62
45	EPHA10	0.06
46	EPHA2 / Eck / Myk2	1.40
47	EPHB4 / Myk1	6.66
48	EPHB6	0.44
49	ERBB2 / HER2 / CD340	0.78
50	ESAM	0.96
51	FGF R1 alpha(IIIb)	15.70
52	FGF R1 alpha(IIIc)	0.82
53	FGF R1 beta (IIIb)	17.69

No	Target Proteins(Human)	Kd(nM)
54	FGF R1 beta (IIIc)	1.20
55	FGF R3 beta	0.28
56	FGF R3 C	0.80
57	FGF R4	0.10
58	FLT-3 / FLK-2 / Stk-1	0.50
59	Frizzled-1 / FzE1 / FZD1	6.44
60	GHR	37.99
61	Glypican1 / GPC1	23.85
62	GPC2	0.85
63	GPC3 / OCI5 / GTR-2 / MXR7	4.51
64	GPC5	0.26
65	GPC6	3.55
66	GRP94	8.72
67	HGF R / c-MET	0.40
68	HMGB1 / HMG1 / Amphoterin	0.05
69	HSP90a / HSP 86 / HSP90AA1	17.60
70	ICAM2 / CD102	1.21
71	ICAM3 / CD50	0.17
72	ICOS / AILIM / CD278 / CRP-1	18.67
73	IFN-gamma(γ) R2 / IFNGR2	3.07
74	IGF1 R / CD221	0.66
75	IGFBP-3 / IBP-3	0.34
76	IGFBP-5	0.06
77	IGFBP-6 / IBP-6	14.98
78	IGFBP-7 / IGFBP-rp1 / IBP-7 / PSF	0.10
79	IGSF4B / NECL1 / TSL1 / CADM3	1.30
80	IL10 R alpha / IL10R	1.29
81	IL12 R beta2	0.78
82	IL13 R alpha2	30.53
83	IL17R / IL17RA / CD217	14.00
84	IL17 R C / IL-17 RL / IL-17 Rhom	14.10
85	IL17 R D / SEF	0.02
86	IL1 R2 / CD121b	1.64
87	IL1 R APL2 / IL1R9	17.82
88	IL23R	0.08
89	IL2 R alpha / CD25	1.33
90	IL2 R beta / CD122	7.84
91	IL2 R gamma	4.26
92	IL3 R alpha / CD123 / IL3R	71.36
93	IL5 R alpha / CD125 / IL5R	22.83
94	IL6 R / CD126	0.57
95	IL6ST / gp130 / CD130	0.88
96	IL7 R alpha / CD127	1.27
97	IL9 sR / CD129	5.15
98	Integrin α V β 3 / INaVb3	17.57
99	Integrin α V β 6 / INaVb6	29.63
100	Integrin α V β 8 / INaVb8	6.84
101	Interferon receptor	4.67
102	IR / Insulin R / CD220	0.30
103	Klotho	4.58
104	Legumain	0.92
105	Leptin R / OB-R / B219	0.37
106	Lin28	0.41

AptSci Aptamers

No	Target Proteins(Human)	Kd(nM)
107	LRIG3	0.21
108	LRP6	20.82
109	L-Selectin / CD62L	4.57
110	MERTK / MER	8.82
111	MPL / CD110 / TpoR	1.81
112	Mre11 & Rad50	0.17
113	NCAM-1 / CD56	2.12
114	NGF R / TNFRSF16	17.84
115	NLGN4 / NL4 / NL4X / NLGN4X	0.06
116	Notch-1	9.69
117	Notch-2	3.30
118	Notch-3	4.46
119	NRP1 / Npn-1 / Neuropilin 1 / CD304	1.75
120	NRP2	0.28
121	OPCML / OBCAM	1.89
122	PDCD1 LG 1 / CD274 / B7-H1 / PDL1	17.98
123	PDCD1 LG 2 / PD-L2	4.87
124	PDGF R beta	3.54
125	PECAM1 / CD31	1.14
126	Plexin B3 / PLXNB3	5.60
127	Plexin C1 / PLXNC1 / CD232	0.08
128	PRKCI / GST-PKC-γ	80.74
129	PRL R	3.70
130	RAGE / AGER	0.12
131	RET	1.19
132	RGM-C / HFE2 / HJV	0.16
133	RhoA	5.79
134	ROBO2	5.05
135	ROBO3	0.47
136	SCFR / c-kit / CD117 / KIT	0.03
137	SELP / P-Selectin / GMP-140	0.25
138	SIGIR R	19.40
139	SIGLEC11	0.26
140	SIGLEC14	5.60
141	SIGLEC3 / CD33 / CD33 antigen	1.88
142	SIGLEC5	1.29
143	SIGLEC6	0.08
144	SIGLEC9	0.19
145	SLAMF3 / CD229 / Ly9	6.22
146	SLAMF8 / BLAME	9.07
147	SN / Siglec-1 / CD169	2.70
148	SUMO1 / SMT3C / SMT3H3	0.33
149	SUMO2	11.00
150	TGF beta R III	79.26
151	TIE1 / Tie	10.10
152	TIE2 / TEK	4.97
153	TLR2 / CD282	6.70
154	TLR3 / CD283	0.76
155	TLR4 / MD2 Complex	8.99
156	TNF sRII	0.97
157	TNFR / TNF receptor	4.26
158	TNFR1 / CD120A / TNFRSF1A	0.67
159	TNFR SF10A / TRAIL R1	0.11
160	TNFR SF10B / TRAIL R1 / DR5	2.21

No	Target Proteins(Human)	Kd(nM)
161	TNFR SF11A / RANK / ODFR	5.52
162	TNFR SF11B / OPG / OCIF	0.08
163	TNFR SF13B / CD267 / TACI	6.55
164	TNFR SF13C / BAFFR	23.68
165	TNFR SF14 / HVEM	8.90
166	TNFR SF17 / BCMA	1.50
167	TNFR SF19 / TROY / TRADE	2.94
168	TNFR SF19L / RELT	2.20
169	TNFR SF21 / DR6	12.72
170	TNFR SF25 / DR3	5.52
171	TNFR SF3 / TNF RIII	2.42
172	TNFR SF4 / CD134 / OX40	1.29
173	TNFR SF5 / CD40	26.49
174	TNFR SF6 / FAS / APO-1	18.34
175	TNFR SF6B / DcR3	0.33
176	TNFR SF7 / CD27	6.75
177	TNFR SF8 / CD30	0.98
178	TRAIL R4 / CD264	1.66
179	TRAIL / TNF SF10 / CD253	19.50
180	TrkB / NTRK2	2.40
181	TrkC / NTRK3	2.97
182	tRNA synt.-amino / AIMP1	1.00
183	tRNA synt.-Gly / GRS / GARS	0.79
184	tRNA synt.-Lys / KRS / KARS	0.39
185	tRNA synt.-trp / mini-WRS / WARS	0.08
186	TROP2 / TACSTD2	1.23
187	TYRO3	48.39
188	Ubiquitin	0.17
189	VEGF R1 / FLT-1	0.14
190	VEGF R2 / KDR / Flk-1	0.12
191	VLA-3 / FRP-2 / CD49c / INa3b1	1.60
192	VLA-5 / CD49e / INa5b1	1.47
193	VRK1	5.34
194	VSIG4 / CR1g / Z39IG	3.95
195	XEDAR	0.20
196	YES / GST-YES1	6.90

No	Target Proteins(Other)	Kd(nM)
1	E.coli Muts	0.13
2	HCV Core	1.43
3	HCV E2	0.08
4	Mouse CD36 / SR-B3	0.77
5	Mouse EPHA1 / EPH / Esk	0.10
6	Mouse / Leptin R / Lepr	52.43
7	Mouse RAGE	4.60
8	Mouse TLR1 / CD281	0.08
9	Mouse TLR6 / CD286	1.87
10	Mouse VSIG4 / CR1g / Z39IG	15.34
11	Rat ROBO1 / DUTT1	0.88
12	Zebrafish Lin28	8.79

Membrane protein

Intracellular(Cytosolic) protein