

HUMANKINE® CYTOKINES AND GROWTH FACTORS

*Humankine® Research-Grade cytokines and growth factors are available GMP-Grade upon request.

Cat. No	Product name	Activity (ng/ml EC50)	Purity	Expression source	
HZ-1138	Activin A	≤5	>95%	HEK293	16
HZ-1222	beta NGF	≤3	>95%	HEK293	
HZ-1128	BMP-2	≤60	>95%	HEK293	21
HZ-1045	BMP-4	≤10	>95%	HEK293	41
HZ-1229	BMP-7	≤100	>95%	HEK293	7
HZ-1211	Cystatin C	≤5µM IC50	>95%	HEK293	
HZ-1168	EPO	≤2.5	>95%	HEK293	3
HZ-1285	FGF Basic TS	≤0.5	>95%	HEK293	9
HZ-1218	FGF-4	≤1.25	>95%	HEK293	
HZ-1100	FGF-7 (KGF)	≤7.5	>95%	HEK293	
HZ-1103	FGF-8b	≤10	>95%	HEK293	
HZ-1151	FLT3 Ligand	≤0.8	>95%	HEK293	10
HZ-1207	G-CSF	≤0.1	>95%	HEK293	6
HZ-1311	GDNF	≤ 10	>95%	HEK293	
HZ-1002	GM-CSF	≤0.5	>95%	HEK293	11
HZ-1084	HGF	≤20	>95%	HEK293	
HZ-1007	HGH	≤0.5	>95%	HEK293	2
HZ-3001	HSA	N/A	>95%	HEK293	
HZ-1066	IFN alpha 2A	≤0.4	>95%	HEK293	4
HZ-1072	IFN alpha 2B	≤0.12	>95%	HEK293	2
HZ-1298	IFN beta	≤0.1	>95%	HEK293	
HZ-1301	IFN gamma	≤0.05	>95%	HEK293	3
HZ-1164	IL-1 beta	≤0.05	>95%	HEK293	16
HZ-1015	IL-2	≤5	>95%	HEK293	5
HZ-1074	IL-3	≤2	>95%	HEK293	10
HZ-1004	IL-4	≤0.6	>95%	HEK293	18
HZ-1019	IL-6	≤0.5	>95%	HEK293	19
HZ-1281	IL-7	≤1	>95%	HEK293	
HZ-1240	IL-9	≤1	>95%	HEK293	2

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HZ-1145	IL-10	≤1.5	>95%	HEK293	
HZ-1256	IL-12	≤2	>95%	HEK293	
HZ-1113	IL-17A	≤2	>95%	HEK293	3
HZ-1116	17F	≤10	>95%	HEK293	
HZ-1254	IL-23	≤4	>95%	HEK293	11
HZ-1275	IL-27	≤12	>95%	HEK293	1
HZ-1235	IL-28A	≤5	>95%	HEK293	2
HZ-1245	IL-28B	≤1	>95%	HEK293	3
HZ-1156	IL-29	≤5	>95%	HEK293	2
HZ-1109	Lefty-1	≤40	>95%	HEK293	
HZ-1292	LIF	≤0.2	>95%	HEK293	
HZ-1192	M-CSF	≤4	>95%	HEK293	5
HZ-1118	Noggin	≤15	>95%	HEK293	6
HZ-1030	OSM	≤1	>95%	HEK293	3
HZ-1215	PDGF-aa	≤10	>95%	HEK293	
HZ-1278	Pleiotrophin-PTN	N/A	>95%	HEK293	
HZ-1308	prolGF-II	≤3	>95%	HEK293	1
HZ-1161	pro-IGF-II	≤50	>95%	HEK293	1
HZ-1024	SCF	≤25	>95%	HEK293	9
HZ-1306	Sonic Hedgehog	≤350	>90%	HEK293	
HZ-1011	TGF beta 1	≤0.5	>95%	HEK293	84
HZ-1092	TGF beta 2	≤0.5	>95%	HEK293	4
HZ-1090	TGF beta 3	≤0.5	>95%	HEK293	8
HZ-3010	Thrombin	N/A	>95%	HEK293	1
HZ-1014	TNF alpha	≤0.5	>95%	HEK293	9
HZ-1248	TPO	≤5	>95%	HEK293	2
HZ-1204	VEGF 121	≤15	>95%	HEK293	14
HZ-1038	VEGF 165	≤5	>95%	HEK293	12
HZ-1296	Wnt3A	≤20	>90%	HEK293	1

00 This number shows the amount of times our protein has been cited in a publication.



PHONE +31 (0) 413 25 11 15

FAX +31 (0) 413 26 66 05

ADDRESS Frontstraat 2c
5605 PB Uden
The Netherlands

EMAIL Support@sanbio.nl