

Table S1. Molecular characterization of PRS CK STORM batch used in this experiment.

Concentration (pg/ml)	PRS CK STORM		
	High Dose	Moderate Dose	Low Dose
BDNF	7.81	3.9025	1.95125
EGF	-	-	-
Eotaxin (CCL11)	14.59	7.295	3.6475
FGF-2	26.10	13.05	6.525
GM-CSF	7.14	3.57	1.785
GRO alpha (CXCL1)	623.94	311.9675	155.98375
HGF	845.36	422.68	211.34
IFN alpha	0.05	0.025	0.0125
IFN gamma	-	-	-
IL-1 alpha	2.06	1.03	0.515
IL-1 beta	2.96	1.48	0.74
IL-1RA	57,992.28	28,996.1375	14,498.0688
IL-2	6.74	3.37	1.685
IL-4	4.54	2.2675	1.13375
IL-5	6.76	3.38	1.69
IL-6	957.12	478.5575	239.27875
IL-7	0.13	0.0625	0.03125
IL-8 (CXCL8)	4,354.24	2,177.1175	1,088.55875
IL-9	0.06	0.03	0.015
IL-10	0.24	0.1175	0.05875
IL-12p70	0.12	0.06	0.03
IL-13	-	-	-
IL-15	-	-	-
IL-17A (CTLA-8)	-	-	-
IL-18	7.95	3.975	1.9875
IL-21	-	-	-
IL-22	-	-	-
IL-23	-	-	-
IL-27	-	-	-
IL-31	-	-	-
IP-10 (CXCL10)	77.49	38.745	19.3725
LIF	96.69	48.3425	24.17125
MCP-1 (CCL2)	2,693.36	1,346.68	673.34
MIP-1 alpha (CCL3)	12.13	6.0625	3.03125
MIP-1 beta (CCL4)	421.19	210.595	105.2975
NGF beta	0.67	0.335	0.1675
PDGF-BB	-	-	-
PIGF-1	69.71	34.855	17.4275
RANTES (CCL5)	28.87	14.435	7.2175
SCF	3.46	1.7275	0.86375
SDF-1 alpha	1,608.00	804	402
TNF alpha	11.62	5.81	2.905

TNF beta	2.47	1.235	0.6175
VEGF-A	1,980.66	990.3275	495.16375
VEGF-D	0.14	0.07	0.035
IGF-1	1,675.1276	837.5638	418.7819
TIMP-1	59,485.2725	29,742.6362	14,871.3181
IL-6SR	18.1163691	9.05818457	4.52909228
MMP-1	20,593.5698	10,296.7849	5,148.39246

Values don't showed are under limit detection