

Extended Data Table 4 | Utilized recombinant proteins and small molecules

Extended Data Table 4.1 | Human recombinant proteins

Recombinant Human Protein	Company	Catalog Number
Activin A	R&D Systems	338-AC
bFGF	Wako	068-04544
BMP4	R&D Systems	314-BP-050

Extended Data Table 4.2 | Small molecule agonists/inhibitors

Small Molecule	Company	Catalog Number	Description
CHIR99021	Axon Medchem	1386	WNT agonist
LDN193189	Stemgent	04-0074	BMP inhibitor
PD173074	Tocris	3044	FGFR inhibitor
SAG	Calbiochem	566661	HH agonist
SB431542	Selleck Chemicals	S1067	TGF β inhibitor
GDC0449	Cellagen Technology	C4044-5	HH inhibitor
XAV939	Tocris	3748	WNT inhibitor