

Follistatin/FST Recombinant Protein | Fst recombinant protein

Recombinant Rat Follistatin/FST Protein

CATALOG #
AAA283354

HOST
HEK293 cells

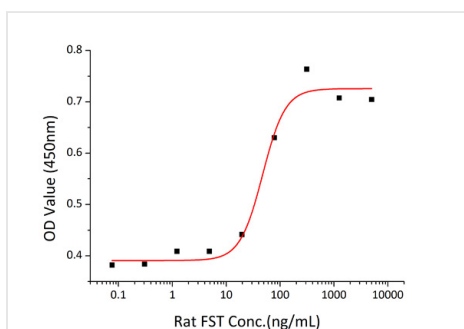
PRODUCT SYNONYMS

Follistatin/FST; Recombinant Rat Follistatin/FST Protein; Fst; Follistatin; FS; Activin-binding protein; Fst recombinant protein

PRODUCT SPECIFICATIONS

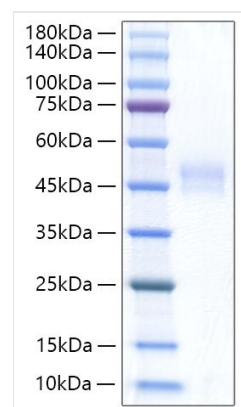
Host	HEK293 cells
Form/Format	Lyophilized from a 0.22 um filtered solution of PBS, pH7.4.
Sequence	MVCARHQPGG LCLLLLLLCQ FMEDRSAQAG NCWLRQAKNG RCQVLYKTEL SKEECCSTGR LSTSWTEEDV NDNTLFKWMI FNGGAPNCIP CKETCENVDC GPGKKCRMNK KNKPRCVCAP DCSNITWKGP VCGLDGKTYR NECALLKARC KEQPELEVQY QGKCKKTCRD VFPCGSSTCV VDQTNNAYCV TCNRCPEPS SSEQSLCGND GVTYSSACHL RKATCLLGRS IGLAYEGKCI KAKSCEDIQC GGGKKCLWDF KVGRGRCSLC DELCPDSKSD EPVCASDNAT YASECAMKEA ACSSGVLLLEV KHSGSCNSIS EETEEEEEEE DQDYSPFISS TLEW
Species	Rat
Tag	C-His
Endotoxin	<0.01EU/ug of the protein by LAL method.
Bio-Activity	Measured by its ability to neutralize Activin-mediated inhibition on MPC-11 cell proliferation. The ED ₅₀ for this effect is 23.68-94.70ng/mL, corresponding to a specific activity of 1.06×10 ⁴ –4.22×10 ⁴ units/mg in the prese
Preparation and Storage	Store at -20 degree C. Store the lyophilized protein at -20 degree C to -80 degree C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week.

IMAGES



Application Data

Recombinant Rat Follistatin/FST Protein neutralize Activin-mediated inhibition on MPC-11 cell proliferation. The ED₅₀ for this effect is 23.68-94.70 ng/mL, corresponding to a specific activity of 1.06×10⁴–4.22×10⁴ units/mg in the presence of 10 ng/mL Recombinant Human Activin A .



SDS-PAGE

Recombinant Rat Follistatin/FST Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 45-50kDa.

ADDITIONAL INFORMATION

Related Product Information for Fst recombinant protein	Enables heparan sulfate proteoglycan binding activity. Predicted to be involved in hematopoietic progenitor cell differentiation; negative regulation of transcription by RNA polymerase II; and regulation of transmembrane receptor protein serine/threonine kinase signaling pathway. Predicted to act upstream of or within several processes, including animal organ development; keratinocyte proliferation; and positive regulation of hair follicle development. Predicted to be located in cytoplasm and nucleus. Predicted to be active in extracellular space. Human ortholog(s) of this gene implicated in polycystic ovary syndrome. Orthologous to human FST (follistatin).
Product Categories/Family for Fst recombinant protein	Cytokines & Cytokine receptors ; Cell Culture related ; Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	6978857
NCBI GeneID	24373
NCBI Accession #	NP_036693.1
NCBI GenBank Nucleotide #	NM_012561.1
UniProt Accession #	P21674 ; Q80XW7
UniProt Protein Name	Follistatin
UniProt Gene Name	Fst
UniProt Synonym Gene Names	FS
UniProt Entry Name	FST_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.