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Datasheet for ABIN7520028
Follistatin Protein (FST) (His tag)

Overview

Quantity:	100 µg
Target:	Follistatin (FST)
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Follistatin protein is labelled with His tag.

Product Details

Purpose:	Active Recombinant Mouse Follistatin/FST Protein
Sequence:	MVCARHQPGG LLLLLLLLQ FMEDRSAQAG NCWLRQAKNG RCQVLYKTEL SKEECCSTGR LSTSWTEEDV NDNTLFKWMI FNGGAPNCIP CKETCENVDC GPGKKCRMNK KNKPRVCAP DCSNITWKGP VCGLDGKTYR NECALLKARC KEQPELEVQY QGKCKKTCRD VFCPGSSTCV VDQTNNAVCV TCNRICPEPS SSEQYLCGND GVTYSSACHL RKATCLLGRS IGLAYEGKCI KAKSCEDIQC GGGKKCLWDS KVGRGRCSLC DELCPDSKSD EPVCASDNAT YASECAMKEA ACSSGVLLEV KHSGSCNSIS EEEEEEEEE DQDYSFPISS ILEW
Specificity:	Met1-Trp344
Purity:	> 90 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. Immobilized recombinant Human Inhibin

Product Details

beta A at 0.5 µg/mL (100 µL/well) can bind recombinant Mouse FST, the EC₅₀ of Mouse FST is 32.95 ng/mL.

Target Details

Target:	Follistatin (FST)
Alternative Name:	Follistatin/FST (FST Products)
Background:	AL033346,FS,Fst
Gene ID:	14313
UniProt:	P47931-1
Pathways:	Negative Regulation of Hormone Secretion

Application Details

Restrictions: For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.