

Active Recombinant Human FST Protein, His-tagged

Cat. No. FST-242H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human FST Protein(NP_037541.1) (Met1-Asp329) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-329 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its ability to neutralize Activin-mediated inhibition on MPC11 cell proliferation. The ED50 for this effect is typically 5-40ng/mL.
Molecular Mass	The recombinant human FST consists 311 amino acids and predicts a molecular mass of 34.4 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	FST follistatin [Homo sapiens]
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Official Symbol	FST
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Synonyms	FST; follistatin; FS; activin-binding protein; follistatin isoform FST317;
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Gene ID	10468
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mRNA Refseq	NM_006350
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Protein Refseq	NP_006341
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MIM	136470
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UniProt ID	P19883
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