Recombinant Human FST Protein, His-Tagged

Cat. No. FST-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FST Protein, His-Tagged was expressed in Baculovirus cell line
Species	Human
Source	Insect Cells
ProteinLength	295aa
Description	Follistatin is a single-chain gonadal protein that specifically inhibits follicle-stimulating hormone release. The single FST gene encodes two isoforms, FST317 and FST344 containing 317 and 344 amino acids respectively, resulting from alternative splicing of the precursor mRNA. In a study in which 37 candidate genes were tested for linkage and association with polycystic ovary syndrome (PCOS) or hyperandrogenemia in 150 families, evidence was found for linkage between PCOS and follistatin.
Form	Liquid
Molecular Mass	32.5 kDa (295aa) 40-57 kDa, reducing conditions
Endotoxin	< 1 EU per 1ug of protein (determined by LAL method)
Purity	> 90% by SDS-PAGE
Applications	SDS-PAGE

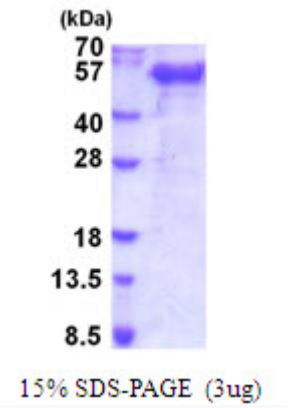
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Usage	For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
Storage	Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.
Concentration	0.25mg/ml (determined by Bradford assay)
Storage Buffer	Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

GENE INFORMATION

Gene Name	FST follistatin [Homo sapiens (human)]
Official Symbol	FST
Synonyms	Follistatin isoform FST317, FS
Gene ID	10468
mRNA Refseq	NM_006350.5
Protein Refseq	NP_006341.1
MIM	136470
UniProt ID	P19883

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SDS-PAGE	 15% SDS-PAGE (3ug) 3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain

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