

Recombinant Full Length Human FST Protein, GST-tagged

Cat. No. FST-5092HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FST full-length ORF (AAH04107, 1 a.a. - 344 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	344 amino acids
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. [provided by RefSeq]
Molecular Mass	63.58 kDa
AA Sequence	MVRARHQPGGLCLLLLLLCCQFMEDRSAQAGNCWLRQAKNGRCQVLYKTELSKEEC CSTGRLSTSWTEEDVNDNTLTKWMIFNGGAPNCIPCKETCENVDCGPGKKCRMNK KNKPRCVCAPDCSNITWKGPVCGLDGKTYRNECALLKARCKEQPELEVQYQGRCK KTCRDVFCPGSSSTCVVDQTNNAVCVTCNRICPEPASSEQYLCGNDGVTYSSACHLR KATCLLGRSIGLAYEGKCIKAKSCEDIQCTGGKKCLWDFKVGGRGRCSLCDELCPDSK SDEPVCASDNATYASECAMKEAACSSGVLLLEVKHSGSCNSISEDTEEEEEDEDQDY

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	FST follistatin [Homo sapiens]
Official Symbol	FST
Synonyms	FST; follistatin; FS; activin-binding protein; follistatin isoform FST317;
Gene ID	10468
mRNA Refseq	NM_006350
Protein Refseq	NP_006341
MIM	136470
UniProt ID	P19883

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