

**FST, 30-317aa, Human, His tag, Insect cell**

**Cat.NO.: TP02153**

3th Edition

**Synonyms:**Follistatin isoform FST344, FS

**Description:**FST, also known as 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. Recombinant human FST, fused to His-tag at C-terminus, was expressed in Sf9 and purified by using conventional chromatography techniques.

**Form:**Liquid. In Phosphate buffer saline (pH 7.4) containing 10% glycerol.

**Molecular Weight:**32.5kDa (295aa) 40-57kDa, reducing conditions

**Sequences:**

MGNCWLRQAKNGRCQVLYKTELSKEECCSTGRLSTSWTEEDVNDNTLFKWMIFNGGAPNCIPCKETCENVDCGP  
GKKCRMNKKNKPRCVCAPDCSNITWKGPGVGLDGKTYRNECALLKARCKEQPELEVQYQGRCKKTCRDVFCPGS  
STCVVDQTNNAVCVTCNRICPEPASSEQYLCGNDGVTYSSACHLRKATCLLGRSIGLAYEGKCIKAKSCEDIQCTG  
GKKCLWDFKVGGRGRCSLCDELCPDSKSDEPVCASDNATYASECAMKEAACSSGVLLEVKHSGSCNHHHHHH

**Purity:**> 95% by HPLC

**Concentration:**0.25mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.