

32-1211: FST His Recombinant Protein

Alternative Name : FST,FS,Activin-binding protein.

Description

Source : E. coli FST His Protein is 36.0 kDa protein containing 325 amino acid residues of the FST His and the 10 aa N-Terminal His-tag. 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. Follistatin binds directly to activin and functions as an activin antagonist. specific inhibitor of the biosynthesis and secretion of pituitary follicle stimulating hormone (fsh).

Product Info

Amount :	10 µg
Content :	FST His Tag was filtered (0.4µm) and lyophilized from 0.5 mg/ml supplied in 20mM TRIS and 20mM NaCl, pH 7.5.
Storage condition :	Store lyophilized FST His at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted FST His can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
Amino Acid :	MKHHHHHHAS GNCWLRQAKN GRCQVLYKTE LSKECCSTG RLSTSWTEED VNDNTLFKWM IFNGGAPNCI PCKETCENV D CGPGKKCRMN KKNKPRCVCA PDCSNITWKG PVCGLDGKTY RNECALLKAR CKEQPELEVQ YQGRCKKTCR DVFCPGSSTC VVDQTNNAYC VTCNRICPEP ASSEQYLCGN DGVTYSSACH LRKATCLLGR SIGLAYEGKC IKAKSCEDIQ CTGGKKCLWD FKVGRGRCSL CDELCPDSKS DEPVCASDNA TYASECAMKE AACSSGVLE VKHSGSCNSI SEDTEEEED EDQDYSFPIS SILEW.

Application Note

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it on cell culture.