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FST Human, His

Follistatin Human Recombinant, His Tag
CYK0160

Product Overview

Name	FST Human, His
Description	
Follistatin Human Recombinant, His Tag	
Accession (Primary)	P19883
Synonyms	
FST, FS, Activin-binding protein.	
Introduction	
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).	
Source	
E. coli.	
Formulation	
FST His Tag was filtered (0.4 μm) and lyophilized from 0.5mg/ml supplied in 20mM TRIS and 20mM NaCl, pH 7.5.	
Stability	
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 sequence	
MKHHHHHHA S GNCWLRQAKN GRCQVLYKTE LSKEECCSTG RLSTSWTEED VNDNTLFKWM IFNGGAPNCI PCKETCENVD CGPGKKCRMN KKNKPRCVCA PDCSNITWKG PVCGLDGKTY RNECALLKAR CKEQPELEVQ YQGRCKKTCR DVFCPGSSTC VVDQTNNAYC VTCNRICPEP ASSEQYLCGN DGVTYSSACH LRKATCLLGR SIGLAYEGKC IKAKSCEDIQ CTGGKKCLWD FKVGRGRCSL CDELCPDSKS DEPVCASDNA TYASECAMKE AACSSGVLLE VKHSGSCNSI SEDTEEEEED EDQDYSFPIS SILEW.	
Solubility	

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.

Precautions

FST Human, His is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P19883)