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FST, 30-344aa, Human, His tag, E.coli

产品货号: TP02154

第三版

别名:Follistatin , FS

描述: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. Recombinant human FST protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

分子量:37.0 kDa (336aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGNCWLRQAKNGRCQVLYKTELSKEECCSTGRLSTSWTEEDVNDNTLFKWMIFNGGA
PNCIPCKETCENVDCGPGKKCRMNKKNKPRCVCAPDCSNITWKGVPVCGLDGKTYRNECALLKARCKEQPELEVQYQG
RCKKTCRDVFCPGSSTCVVDQTNNAVCVTCNRICPEPASSEQYLCGNDGVTYSSACHLRKATCLLGRSIGLAYEGKCIKA
KSCEDIQCTGGKKCLWDFKVGGRGCSLCDELCPDSKSDEPVCASDNATYASECAMKEAACSSGVLLLEVKHSGSCNSISED
TEEEEEDEDQDYSPFISSILEW

纯度:> 95% by HPLC

浓度:0.5 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储:+4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.