

Recombinant Human FST Protein, His-tagged

Cat. No. FST-570H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human FST(Arg35~Val283) fused with His/His tag at N-terminal was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | Arg35~Val283 |
| 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. |
| Form | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. |
| Molecular Mass | 31.4kDa |
| Identity | Reconstitute in PBS or others |
| Endotoxin | <1.0EU per 1g (determined by the LAL method) |
| Purity | > 95% |

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| Applications | Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein |
| Stability | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Storage | Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months. |
| Reconstitution | Reconstitute in PBS or others |

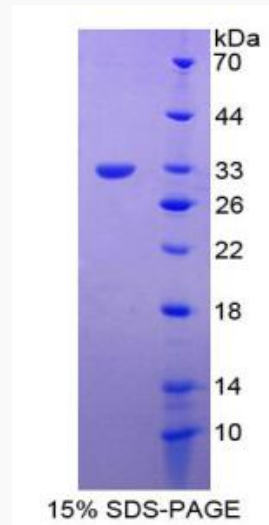
GENE INFORMATION

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|------------------------|--|
| 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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