# FST (Human) Recombinant Protein

Catalog # P8652 Size 2 x 10 ug

## Specification

| | |
|---|---|
| **Product Description** | Human FST partial recombinant protein with His tag in C-terminus expressed in Baculovirus. |
| **Sequence** | MGNCWLRQAKNGRCQVLYKTELSKEECCSTGRLSTSWTEEDVNDNTLFKWMIFNGGAPNCIPC KETCENVDCGPGKKCRMNKKNKPRCVCAPDCSNITWKGPVCGLDGKTYRNECALLKARCKEQ PELEVQYQGRCKKTCRDVFCPGSSTCVVDQTNNAYCVTCNRICPEPASSEQYLCGNDGVTYSSA CHLRKATCLLGRSIGLAYEGKCIKAKSCEDIQCTGGKKCLWDFKVGRGRCSLCDELCPDSKSDE PVCASDNATYASECAMKEAACSSGVLLEVKHSGSCNHHHHHH |
| **Host** | Viruses |
| **Theoretical MW (kDa)** | 32.5 |
| **Form** | Liquid |
| **Preparation Method** | Baculovirus expression system |
| **Purification** | chromatographic |
| **Purity** | > 90% as determined by SDS-PAGE. |
| **Storage Buffer** | Solution (0.25 mg/mL) containing��1X PBS, pH 7.4, 10% glycerol. |
| **Storage Instruction** | Store at 4°C for 2-4 weeks and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).<br>Avoid repeated freeze/thaw cycles. |

## Applications

- SDS-PAGE

## Gene Info — FST

| | |
|---|---|
| **Entrez GeneID** | 10468 |

Copyright © 2023 Abnova Corporation. All Rights Reserved.

| | |
|---|---|
| **Protein Accession#** | P19883 |
| **Gene Name** | FST |
| **Gene Alias** | FS |
| **Gene Description** | follistatin |
| **Omim ID** | 136470 184700 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | 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. [provided by RefSeq |
| **Other Designations** | follistatin isoform FST317 |

## Pathway

- TGF-beta signaling pathway

## Disease

- Cleft Lip
- Cleft Palate
- Genetic Predisposition to Disease
- Obesity
- Ovarian Failure
- Ovarian Neoplasms
- Polycystic Ovary Syndrome
- Puberty
- Thrombophilia
- Tobacco Use Disorder

Copyright © 2023 Abnova Corporation. All Rights Reserved.