

Product datasheet for AR50841PU-S

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436

OriGene Technologies, Inc.

Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Follistatin (30-344, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: Follistatin (30-344, His-tag) human recombinant protein, 20 μg

Species: Human
Expression Host: E. coli

Expression cDNA Clone

or AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGNCWLRQAK NGRCQVLYKT ELSKEECCST GRLSTSWTEE DVNDNTLFKW MIFNGGAPNC IPCKETCENV DCGPGKKCRM NKKNKPRCVC APDCSNITWK GPVCGLDGKT YRNECALLKA RCKEQPELEV QYQGRCKKTC RDVFCPGSST CVVDQTNNAY CVTCNRICPF PASSFOYLCG NDGVTYSSAC HI RKATCLLG RSIGLAYFGK CIKAKSCEDI

CVTCNRICPE PASSEQYLCG NDGVTYSSAC HLRKATCLLG RSIGLAYEGK CIKAKSCEDI QCTGGKKCLW DFKVGRGRCS LCDELCPDSK SDEPVCASDN ATYASECAMK EAACSSGVLL

EVKHSGSCNS ISEDTEEEEE DEDQDYSFPI SSILEW

Tag: His-tag
Predicted MW: 37.0 kDa
Concentration: lot specific

Purity: >85% by SDS - PAGE

Buffer: Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1 mM

DTT

Preparation: Liquid purified protein

Protein Description: Recombinant human FST protein, fused to His-tag at N-terminus, was expressed in E.coli and

purified by using conventional chromatography techniques.

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid

repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeq: NP 006341

 Locus ID:
 10468

 UniProt ID:
 P19883

 Cytogenetics:
 5q11.2





Synonyms: FS

Summary: Follistatin is a single-chain gonadal protein that specifically inhibits follicle-stimulating

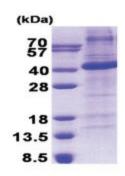
hormone release. The single FST gene encodes two isoforms, FST317 and FST344 containing 317 and 344 amino acids respectively, resulting from alternative splicing of the precursor mRNA. In a study in which 37 candidate genes were tested for linkage and association with polycystic ovary syndrome (PCOS) or hyperandrogenemia in 150 families, evidence was

found for linkage between PCOS and follistatin. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: TGF-beta signaling pathway

Product images:



15% SDS-PAGE (3ug)