

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

32-12076: Mouse Follistatin

 Gene :
 Fst

 Gene ID :
 14313

 Uniprot ID :
 P47931

Alternative Name: Activin-binding protein, FSH-suppressing protein (FSP), FS

Description

Source: Genetically modified E.coli.

Predicted MW:Â Monomer, 31.6 kDa (289 aa)

 \hat{A} Follistatin is an autocrine, activin-binding protein that is ubiquitously expressed with highest expression levels being in the ovary and skin. \hat{A} Follistatin negatively regulates the signaling of transforming growth factor beta (TGF-beta) family members, such as activin, bone morphogenetic proteins (BMPs), myostatin, growth differentiation factor 11 (GDF-11), and TGF-beta 1. \hat{A} Follistatin functions as an antagonist by binding TGF-beta family members to block interaction with their signaling receptors. \hat{A} Follistatin also inhibits the secretion of follicle-stimulating hormone (FSH) from the anterior pituitary. \hat{A} \hat{A}

Product Info

Amount: 20 μg / 100 μg

Purification: Reducing and Non-Reducing SDS PAGE at >= 90%

Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium

Content : phosphate, 50 mM sodium chloride, pH 7.5

Sterile water at 0.1 mg/mL

Storage condition : Store at -20°C

Amino Acid: MGNCWLRQAK NGRCQVLYKT ELSKEECCST GRLSTSWTEE DVNDNTLFKW MIFNGGAPNC

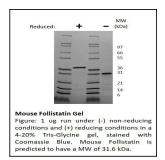
IPCKETCENV DCGPGKKCRM NKKNKPRCVC APDCSNITWK GPVCGLDGKT YRNECALLKA RCKEQPELEV QYQGKCKKTC RDVFCPGSST CVVDQTNNAY CVTCNRICPE PSSSEQYLCG NDGVTYSSAC HLRKATCLLG RSIGLAYEGK CIKAKSCEDI QCGGGKKCLW DSKVGRGRCS LCDELCPDSK SDEPVCASDN ATYASECAMK

EAACSSGVLL EVKHSGSCN

Application Note

Endotoxin: Less than 0.5 ng/ \tilde{A} $\square \hat{A}\mu g$ (1 IEU/ \tilde{A} $\square \hat{A}\mu g$) as determined by LAL test.

Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at - $80\tilde{A}$ \square \hat{A} °C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vialed to compensate for this loss.





9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

