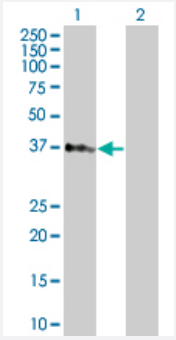
FST 293T Cell Transient Overexpression Lysate(Denatured)

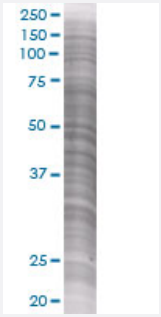
Catalog # H00010468-T01 Size 100 uL

Applications



Western Blot

Lane 1: FST transfected lysate (38 KDa)
Lane 2: Non-transfected lysate.



SDS-PAGE Gel

FST transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-FST full-length
Host	Human
Theoretical MW (kDa)	37.95
Interspecies Antigen Sequence	Mouse (97); Rat (97)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-FST antibody (H00010468-B01) by Western Blots. Western Blot Lane 1: FST transfected lysate (38 KDa) Lane 2: Non-transfected lysate. SDS-PAGE Gel FST transfected lysate.
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — FST

Entrez GeneID	10468
GeneBank Accession#	NM_013409
Protein Accession#	NP_037541
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