Testin (TES) Bovine Recombinant Protein

PRODUCT OVERVIEW

Product Name	Testin (TES), Recombinant Protein
Full Product Name	Recombinant Bovine Testin (TES)
Product Gene Name	TES recombinant protein
Product Synonym Gene Name	TES
Sequence	MDLEAKVKKM GLGHEQGFGA PCLKCKEKCE GFELHFWRKI CRNCKCGQEE HDVLLSNEED RKVGKLFEDT KYTTLIAKLK SDGIPMYKRN VMILTNPVAA KKNVSINTVT YEWAPPVQNQ ALARQYMQML PKEKQPVAGS EGAQYRKKQL AKQLPAHDQD PSKCHELSPK EVKEMEQFVK KYKNEALGVG DVKLPRDMNT QGPNKMYIPG GDRSTTTAVG AMEDKSAEHK RTQYSCYCCK LSMKEGDPAI YAERAGYDKL WHPACFVCST CHELLVDMIY FWKNGKLYCG RHYCDSEKPR CAGCDELIFS NEYTQAENQN WHLKHFCCFD CDNILAGEIY VMVNDKPVCK PCYVKNHAEV CQGCHNAIDP EVQRVTYNNF SWHASTECFL CSCCSKCLIG QKFMPVEGMV FCSVECKKMM S
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	48,049 Da
Sequence Positions	1-421, full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q2YDE9
Species	Bovine
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TES recombinant protein	Cancer-associated chromosomal changes often involve regions containing fragile sites. This gene maps to a commom fragile site on chromosome 7q31.2 designated FRA7G. This gene is similar to mouse Testin, a testosterone-responsive gene encoding a Sertoli cell secretory protein containing three LIM domains. LIM domains are double zinc-finger motifs that mediate protein-protein interactions between transcription factors, cytoskeletal proteins and signaling proteins. Multiple protein isoforms are encoded by transcript variants of this gene.
Other Notes	Small volumes of TES recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TES purchase	MBS1380398 is a recombinant protein targeting TES. Also known as Recombinant Bovine Testin (TES). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TES. It may not necessarily be applicable to this product.

NCBI GI #	114053297

NCBI GeneID	534965
NCBI Accession #	NP_001039855.1
UniProt Primary Accession #	Q2YDE9
UniProt Secondary Accession #	A4D7R3
UniProt Related Accession #	Q2YDE9
GenBank Nucleotide #	NM_001046390.2
NCBI Official Full Name	testin
NCBI Official Synonym Full Names	testin LIM domain protein
NCBI Official Symbol	TES
UniProt Protein Name	Testin
Protein Family	Terpinolene synthase
UniProt Gene Name	TES
NCBI Protein Information	testin
UniProt Comments for TES	Scaffold protein that may play a role in cell adhesion, cell spreading and in the reorganization of the actin cytoskeleton. Plays a role in the regulation of cell proliferation. May act as a tumor suppressor ().
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