Transcription Elongation Factor, Mitochondrial (TEFM) Bovine Recombinant Protein

PRODUCT OVERVIEW

Product Name	Transcription elongation factor, mitochondrial (TEFM), Recombinant Protein
Full Product Name	Recombinant Bovine Transcription elongation factor, mitochondrial (TEFM)
Product Gene Name	TEFM recombinant protein
Sequence	ESTAPKKIIP HIDFSDETAK ESGKTLDKLF SSEQQASILH VLNTASNKEL EAFKLLRGKK SFNIVEHRKK FGPFQNLESL MNVPLFQYKI TIQVCNSILN PETGGKKKKL QESRLLRKLI KPEIGRERVK AVNSIVSIVS GTRRIAWAHL DRKLAVLDWQ QTEYCQLMKG SYLSSVYLEE ISSIISKMPK ADFYVLEKAG PSFQNPSLFP VLLHFHMTEA MLYALLNTTF AQDGHHQVLS MNRNAVGKHF ELMIGDTRTS GKEVVKQLLS ESVLKDEPRV FFPPEKIVRY RQMFSSTEHN RVEELYDSLL QAIAFYELAV F
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	40,608 Da
Sequence Positions	36-356, 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 A6QPR9
Species	Bovine
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TEFM recombinant protein	MBS1237698 is a recombinant protein targeting TEFM. Also known as Recombinant Bovine Transcription elongation factor, mitochondrial (TEFM). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of TEFM 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.

ADDITIONAL DETAILS

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

NCBI GI #	205828966
NCBI Accession #	A6QPR9.2
UniProt Primary Accession #	A6QPR9
NCBI Official Full Name	Transcription elongation factor, mitochondrial
UniProt Protein Name	Transcription elongation factor, mitochondrial
Protein Family	Transcription elongation factor

UniProt Gene Name	TEFM
UniProt Comments for TEFM	Transcription elongation factor which increases mitochondrial RNA polymerase processivity. Regulates transcription of the mitochondrial genome, including genes important for the oxidative phosphorylation machinery ().
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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