TEFM Peptide - N-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	TEFM, Blocking Peptide
Full Product Name	TEFM Peptide - N-terminal region
Product Gene Name	TEFM blocking peptide
Sequence	Synthetic peptide located within the following region: RSSLYWALHN FCCRKKSTTP KKITPNVTFC DENAKEPENA LDKLFSSEQQ
Species Reactivity	Human
Form/Format	Lyophilized powder
Preparation and Storage	Add 100ul of sterile PBS. Final peptide concentration is 1 mg/ml in PBS. For longer periods of storage, store at -20 degree C. Avoid repeat freeze-thaw cycles.
Antibody/Peptide Pairs	TEFM peptide (MBS3242628) is used for blocking the activity of TEFM antibody (MBS3217732)
Molecular Weight	18kDa
Product Categories/Family for TEFM blocking peptide	Peptide
Applications Tested/Suitable for TEFM blocking peptide	Western Blot (WB)
Related Product Information for TEFM blocking peptide	This is a synthetic peptide designed for use in combination with anti-TEFM Antibody, made Target Description: TEFM is a transcription elongation factor which increases mitochondrial RNA polymerase processivity. It regulates transcription of the mitochondrial genome, including genes important for the oxidative phosphorylation machinery.
Other Notes	Small volumes of TEFM blocking peptide 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 TEFM purchase	MBS3242628 is a blocking peptide targeting TEFM. Also known as TEFM Peptide - N-terminal region. Reactive in Human.

ADDITIONAL DETAILS

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

NCBI GI #	134053959
NCBI GeneID	79736
NCBI Accession #	NP_078959.3
UniProt Primary Accession #	Q96QE5
UniProt Related Accession #	Q96QE5
GenBank Nucleotide #	NM_024683.4
NCBI Official Full Name	transcription elongation factor, mitochondrial
NCBI Official Synonym Full Names	transcription elongation factor, mitochondrial
NCBI Official Symbol	TEFM

NCBI Official Synonym Symbols	C17orf42
UniProt Protein Name	Transcription elongation factor, mitochondrial
Protein Family	Transcription elongation factor
UniProt Gene Name	TEFM
UniProt Synonym Gene Names	C17orf42
UniProt Entry Name	TEFM_HUMAN
NCBI Protein Information	transcription elongation factor, mitochondrial
Research Articles on TEFM	**1.** Data provide insights into target specificity of TEFM and mechanisms by which it regulates the switch between transcription and replication of mitochondrial DNA.
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