TM2D2 Peptide - Middle Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	TM2D2, Blocking Peptide
Full Product Name	TM2D2 Peptide - middle region
Product Gene Name	TM2D2 blocking peptide
Product Synonym Gene Name	BLP1; MGC125813; MGC125814
Sequence	QELGYGCLKF GGQAYSDVEH TSVQCHALDG IECASPRTFL RENKPCIKYT
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	TM2D2 peptide (MBS3239793) is used for blocking the activity of TM2D2 antibody (MBS3214863)
Molecular Weight	23kDa
OMIM	610081
Product Categories/Family for TM2D2 blocking peptide	Peptide
Applications Tested/Suitable for TM2D2 blocking peptide	Western Blot (WB)
Related Product Information for TM2D2 blocking peptide	This is a synthetic peptide designed for use in combination with anti-TM2D2 Antibody, made Target Description: The protein encoded by this gene contains a structural module related to that of the seven transmembrane domain G protein-coupled receptor superfamily. This protein has sequence and structural similarities to the beta-amyloid binding protein (BBP), but, unlike BBP, it does not regulate a response to beta-amyloid peptide. This protein may have regulatory roles in cell death or proliferation signal cascades.
Other Notes	Small volumes of TM2D2 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 TM2D2 purchase	MBS3239793 is a blocking peptide targeting TM2D2. Also known as TM2D2 Peptide - middle region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TM2D2. It may not necessarily be applicable to this product.

NCBI GI #	17865797
NCBI GeneID	83877
NCBI Accession #	NP_510882
UniProt Primary Accession #	Q9BX73
UniProt Related Accession #	Q9BX73
GenBank Nucleotide #	NM_078473
NCBI Official Full Name	TM2 domain-containing protein 2 isoform a

NCBI Official Synonym Full Names	TM2 domain containing 2
NCBI Official Symbol	TM2D2
NCBI Official Synonym Symbols	BLP1
UniProt Protein Name	TM2 domain-containing protein 2
UniProt Synonym Protein Names	Beta-amyloid-binding protein-like protein 1; BBP-like protein 1
Protein Family	TM2 domain-containing protein
UniProt Gene Name	TM2D2
UniProt Synonym Gene Names	BLP1; BBP-like protein 1
UniProt Entry Name	TM2D2_HUMAN
NCBI Protein Information	TM2 domain-containing protein 2
NCBI Summary for TM2D2	The protein encoded by this gene contains a structural module related to that of the seven transmembrane domain G protein-coupled receptor superfamily. This protein has sequence and structural similarities to the beta-amyloid binding protein (BBP), but, unlike BBP, it does not regulate a response to beta-amyloid peptide. This protein may have regulatory roles in cell death or proliferation signal cascades. This gene has multiple alternatively spliced transcript variants which encode two different isoforms. [provided by RefSeq, Jul 2008]
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