Integral Membrane Protein 2b (ITM2B) Macaca Fascicularis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Integral membrane protein 2B (ITM2B), Recombinant Protein
Full Product Name	Recombinant Macaca fascicularis Integral membrane protein 2B (ITM2B), partial
Product Gene Name	ITM2B recombinant protein
Product Synonym Gene Name	ITM2B
Sequence	MVKVTFNSAL AQKEAKKDEP KSGEEALIIP PDAVAVDCKD PDDVVPVGQR RAWC
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	30,338 Da
Sequence Positions	1-54
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 Q60HC1
Species	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ITM2B recombinant protein	MBS1458366 is a recombinant protein targeting ITM2B. Also known as Recombinant Macaca fascicularis Integral membrane protein 2B (ITM2B), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ITM2B 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 ITM2B. It may not necessarily be applicable to this product.

NCBI GI #	545686788
NCBI GeneID	101926229
NCBI Accession #	NP_001270631.1
UniProt Primary Accession #	Q60HC1
UniProt Secondary Accession #	Q4R8U8; Q8HXY3
UniProt Related Accession #	Q60HC1
GenBank Nucleotide #	NM_001283702.1

NCBI Official Full Name	integral membrane protein 2B
NCBI Official Symbol	ITM2B
NCBI Official Synonym Symbols	BRI; imBRI2; QflA-12336; QtsA-11432
UniProt Protein Name	Integral membrane protein 2B
UniProt Synonym Protein Names	Immature BRI2; imBRI2
Protein Family	Integral membrane protein
UniProt Gene Name	ITM2B
UniProt Synonym Gene Names	BRI; imBRI2; Bri; mBRI2; BRI2 ICD; Bri2-23
NCBI Protein Information	integral membrane protein 2B
UniProt Comments for ITM2B	Plays a regulatory role in the processing of the amyloid-beta A4 precursor protein (APP) and acts as an inhibitor of the amyloid-beta peptide aggregation and fibrils deposition. Plays a role in the induction of neurite outgrowth. Functions as a protease inhibitor by blocking access of secretases to APP cleavage sites ().
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