TBC1 Domain Family Member 10b (TBC1D10B) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	TBC1 domain family member 10B (Tbc1d10b), Recombinant Protein
Full Product Name	Recombinant Mouse TBC1 domain family member 10B (Tbc1d10b)
Product Gene Name	Tbc1d10b recombinant protein
Product Synonym Gene Name	Tbc1d10b
Sequence	METGPAPLVA PPRRHGAPAA PSPPPRGSRA GSHLVVEPGP PVTTATSAPV ELVAPGEARP ACVPGSSQTS ASTPTTATSS TVVMLTLEAS PEAAKTQEFP APAAETGAET SVALALGTDT QKTEEVRASP VPGPGTPTRT PSRMAPGALT AKPPLAPKPG TTVASGVTAR GGVGQVAGGH EAATSASAGS VPEDPSGPVT GPPGTCEAPA PTPVAVVTVT PAPEPVENFQ DLGSTSSLGP GISGPRGQAP DTLSYLDSVS LMSGTLESLP DDVSSMGSDS EINGMALRKT DKYGFLGGSQ YSGSLESSIP VDVARQRELK WLEMFSNWDK WLSRRFQKVK LRCRKGIPSS LRAKAWQYLS NSKELLEQNP GKFEELERAA GDPKWLDVIE KDLHRQFPFH EMFAARGGHG QQDLYRILKA YTIYRPDEGY CQAQAPVAAV LLMHMPAEQA FWCLVQICDK YLPGYYSAGL EAIQLDGEIF FALLRRVSPL AHRHLRRQRI DPVLYMTEWF MCIFARTLPW ASVLRVWDMF FCEGVKIIFR VALVLLRHTL GSVEKLRSCQ GMYETMEQLR NLPQQCMQED FLVHEVTNLP VTEAWIEREN AAQLKKWRET RGELQYRPSR RLHGSRAIHE ERRRQQPPLG PSSSLLSLPS LKSRGSRAVG GAPSPPPPVR RASAGPVPGA VVIAEGLHPS LPSPTGNSTP LGTSKEIRRQ EKERQKQEKD REKERQRQEK ERERQEKERQ KWEKEQEKEQ QKQEKERQKL EKKGQGRKLS LRRRADGPPA SHDGGDRSAA EARQDAYF
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	87,275 Da
Sequence Positions	1-798, 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 Q8BHL3
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Tbc1d10b recombinant protein	MBS1476095 is a recombinant protein targeting Tbc1d10b. Also known as Recombinant Mouse TBC1 domain family member 10B (Tbc1d10b). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Tbc1d10b 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 Tbc1d10b. It may not necessarily be applicable to this product.

NCBI GI #	167614490
NCBI GeneID	68449
NCBI Accession #	NP_653105.3
UniProt Primary Accession #	Q8BHL3
UniProt Secondary Accession #	Q6GQW9; Q6PIZ5; Q91XR3
UniProt Related Accession #	Q8BHL3
GenBank Nucleotide #	NM_144522.5
NCBI Official Full Name	TBC1 domain family member 10B
NCBI Official Synonym Full Names	TBC1 domain family, member 10b
NCBI Official Symbol	Tbc1d10b
NCBI Official Synonym Symbols	C87963; 1110003P22Rik
UniProt Protein Name	TBC1 domain family member 10B
UniProt Synonym Protein Names	Protein wz3-85
Protein Family	TBC1 domain family
UniProt Gene Name	Tbc1d10b
NCBI Protein Information	TBC1 domain family member 10B
UniProt Comments for Tbc1d10b	Acts as GTPase-activating protein for RAB3A, RAB22A, RAB27A, AND RAB35. Does not act on RAB2A and RAB6A ().
Research Articles on Tbc1d10b	**1.** EPI64B can serve as a potential physiological GAP for Rab27B and thereby participate in the regulation of exocytosis in pancreatic acinar cells.
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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