TBC1 Domain Family Member 14 (TBC1D14) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	TBC1 domain family member 14 (TBC1D14), Recombinant Protein
Full Product Name	Recombinant Human TBC1 domain family member 14 (TBC1D14)
Product Gene Name	TBC1D14 recombinant protein
Product Synonym Gene Name	TBC1D14
Sequence	MTDGKLSTST NGVAFMGILD GRPGNPLQNL QHVNLKAPRL LSAPEYGPKL KLRALEDRHS LQSVDSGIPT LEIGNPEPVP CSAVHVRRKQ SDSDLIPERA FQSACALPSC APPAPSSTER EQSVRKSSTF PRTGYDSVKL YSPTSKALTR SDDVSVCSVS SLGTELSTTL SVSNEDILDL VVTSSSSAIV TLENDDDPQF TNVTLSSIKE TRGLHQQDCV HEAEEGSKLK ILGPFSNFFA RNLLARKQSA RLDKHNDLGW KLFGKAPLRE NAQKDSKRIQ KEYEDKAGRP SKPPSPKQNV RKNLDFEPLS TTALILEDRP ANLPAKPAEE AQKHRQQYEE MVVQAKKREL KEAQRRKKQL EERCRVEESI GNAVLTWNNE ILPNWETMWC SRKVRDLWWQ GIPPSVRGKV WSLAIGNELN ITHELFDICL ARAKERWRSL STGGSEVENE DAGFSAADRE ASLELIKLDI SRTFPNLCIF QQGGPYHDML HSILGAYTCY RPDVGYVQGM SFIAAVLILN LDTADAFIAF SNLLNKPCQM AFFRVDHGLM LTYFAAFEVF FEENLPKLFA HFKKNNLTPD IYLIDWIFTL YSKSLPLDLA CRIWDVFCRD GEEFLFRTAL GILKLFEDIL TKMDFIHMAQ FLTRLPEDLP AEELFASIAT IQMQSRNKKW AQVLTALQKD SREMEKGSPS LRH
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	47,691 Da
Sequence Positions	1-693, 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.
OMIM	614855
3D Structure	ModBase 3D Structure for Q9P2M4
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TBC1D14 recombinant protein	MBS1340457 is a recombinant protein targeting TBC1D14. Also known as Recombinant Human TBC1 domain family member 14 (TBC1D14). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of TBC1D14 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 TBC1D14. It may not necessarily be applicable to this product.

NCBI GI #	164565368
NCBI GeneID	57533
NCBI Accession #	NP_001106832.1
UniProt Primary Accession #	Q9P2M4
UniProt Secondary Accession #	Q8IW15; Q8NDK3; B9A6L5; D3DVT4; E9PAZ6
UniProt Related Accession #	Q9P2M4
GenBank Nucleotide #	NM_001113361.1
NCBI Official Full Name	TBC1 domain family member 14 isoform a
NCBI Official Synonym Full Names	TBC1 domain family member 14
NCBI Official Symbol	TBC1D14
UniProt Protein Name	TBC1 domain family member 14
Protein Family	TBC1 domain family
UniProt Gene Name	TBC1D14
UniProt Synonym Gene Names	KIAA1322
NCBI Protein Information	TBC1 domain family member 14
UniProt Comments for TBC1D14	Negative regulator of starvation-induced autophagosome formation.
Research Articles on TBC1D14	**1.** TRAPPC8 modulates autophagy and secretory trafficking and is required for TBC1D14 to bind TRAPPIII.
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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