Protein TBRG4 (TBRG4) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein TBRG4 (Tbrg4), Recombinant Protein
Full Product Name	Recombinant Rat Protein TBRG4 (Tbrg4)
Product Gene Name	Tbrg4 recombinant protein
Product Synonym Gene Name	Tbrg4
Sequence	MAVRLMKQCT CLLREATRLV PTVAPVGRLR LAGVACKTLT SSVSSPSSGS LTELLGKEQV FTPYPEHQEV DYLIEKATRP EELLELLGGD HSLHHNHAAL ILIRLSYLLS EKPKEKALLV EDARFQQLVR LVDSQITSVW HGTLVKLLRS LYTLVLPQGS KELRSVEQEV RWRLRRLKYK HLVFLAESCA PFMKEQHSKE LLAELLRHLE RRWTEISDSR TLVSMMTMAG HLSESLMNRL EDKCLELVEQ FGPDELRKVL MTLAAQSRRS VPLLRAISYH LVQKPFPMTK GMLLDLAYAY GKLSFHQTQV AQRLAADLLP FIPSMTPGEV ARCAKSFAFL KWLNLPLFEA FTQHLLNSAQ DVSLSHLCSV LLAFARLNFH PEQEDQFFNL VHEKLDSVLG SLEPALQVDL VWALCVLQQV QVAELQTVLH PGLHTRFLES KSPKDQSTFQ KLVHINSTAL LEYPEYKGPF LPASAVAPSP SPSNKKMTPL QKELQDALKA LLGNNDTGSL EVATQYGWVL DAEVLLDAEG HFLPLRDFVA PHLAQPVGNQ PLPPGAKRIA FLRWEFPNFN SRSKDLLGRF VLARRHVLAA GFLVVDVPYY EWLDLKSEWQ KTAYLKDKMR KAVAEELAK
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	71,181 Da
Sequence Positions	1-629, 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 Q5M9G9
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Tbrg4 recombinant protein	MBS1434855 is a recombinant protein targeting Tbrg4. Also known as Recombinant Rat Protein TBRG4 (Tbrg4). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Tbrg4 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 Tbrg4. It may not necessarily be applicable to this product.

NCBI GI #	58865880
NCBI GeneID	360977

NCBI Accession #	NP_001012154.1
UniProt Primary Accession #	Q5M9G9
UniProt Related Accession #	Q5M9G9
GenBank Nucleotide #	NM_001012154.1
NCBI Official Full Name	FAST kinase domain-containing protein 4
NCBI Official Synonym Full Names	transforming growth factor beta regulator 4
NCBI Official Symbol	Tbrg4
UniProt Protein Name	FAST kinase domain-containing protein 4
UniProt Synonym Protein Names	Protein TBRG4; Transforming growth factor beta regulator 4
Protein Family	Protein
UniProt Gene Name	Tbrg4
NCBI Protein Information	FAST kinase domain-containing protein 4; protein TBRG4
UniProt Comments for Tbrg4	Plays a role in processing of mitochondrial RNA precursors and in stabilization of a subset of mature mitochondrial RNA species, such as MT-CO1, MT-CO2, MT-CYB, MT-CO3, MT-ND3, MT-ND5 and MT-ATP8/6. May play a role in cell cycle progression.
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