Gtpase Rhebl1 (RHEBL1) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	GTPase RhebL1 (Rhebl1), Recombinant Protein
Full Product Name	Recombinant Mouse GTPase RhebL1 (Rhebl1)
Product Gene Name	Rhebl1 recombinant protein
Product Synonym Gene Name	Rhebl1
Sequence	MPLVRYRKVA ILGYRSVGKT SLAHQFVEGE FLEGYDPTVE NTYSKTVTLG KDEFHLHLVD TAGQDEYSIL PYSLIIGVHG YVLVYSVNSL RSFQIVKNLY QKLHEGHGKT RLSVLLVGNK ADLSPEREVQ AVEGKKLAES WGAMFMESSA RDNQLTQDVF IKVIQEIARV ENSYGRQDRR C
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	20,934 Da
Sequence Positions	1-181, 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 Q9D8T3
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Rhebl1 recombinant protein	MBS1311412 is a recombinant protein targeting Rhebl1. Also known as Recombinant Mouse GTPase RhebL1 (Rhebl1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Rhebl1 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 Rhebl1. It may not necessarily be applicable to this product.

NCBI GI #	21312218
NCBI GeneID	69159
NCBI Accession #	NP_081243.1
UniProt Primary Accession #	Q9D8T3
UniProt Related Accession #	Q9D8T3
GenBank Nucleotide #	NM_026967.4

NCBI Official Full Name	GTPase RhebL1
NCBI Official Synonym Full Names	Ras homolog enriched in brain like 1
NCBI Official Symbol	Rhebl1
NCBI Official Synonym Symbols	Rheb2; 1810036J22Rik
UniProt Protein Name	GTPase RhebL1
UniProt Synonym Protein Names	Ras homolog enriched in brain-like protein 1; Rheb-like protein 1
Protein Family	GTPase
UniProt Gene Name	Rhebl1
UniProt Synonym Gene Names	Rheb-like protein 1
NCBI Protein Information	GTPase RhebL1
UniProt Comments for Rhebl1	Binds GTP and exhibits intrinsic GTPase activity. May activate NF-kappa-B-mediated gene transcription. Promotes signal transduction through MTOR, activates RPS6KB1, and is a downstream target of the small GTPase-activating proteins TSC1 and TSC2 ().
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