Protein RER1B (RER1B) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein RER1B (RER1B), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Protein RER1B (RER1B)
Product Gene Name	RER1B recombinant protein
Product Synonym Gene Name	RER1B
Product Synonym Names	Recombinant Protein RER1B (RER1B); Protein RER1B; AtRER1B
Sequence	MEGSGGDSGS MATPVQKKVH EAWRVYQYYL DKTTPHSTNR WIGTLVFFLI YCLRVYSIHG FYIISYGLGI YLLNLLIGFL SPLVDPELEV SDGATLPTRG SDEFKPFIRR LPEFKFWYSM TKAFCIAFLM TFFSVFDVPV FWPILLCYWV VLFVLTMRRQ IAHMIKHKYI PFSIGKQKYS GRKSSANSGG GSRAD
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 degree C. For extended storage, store at -20 or -80 degree C.
Molecular Weight	22,418 Da
Sequence Positions	1-195
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.
Chromosome Location	Chromosome: 2; NC_003071.7 (9242801..9244833). Location: chromosome: 2
3D Structure	ModBase 3D Structure for O48671
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for RER1B recombinant protein	MBS1250618 is a recombinant protein targeting RER1B. Also known as Recombinant Arabidopsis thaliana Protein RER1B (RER1B). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of RER1B 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 RER1B. It may not necessarily be applicable to this product.

NCBI GI #	15226596
NCBI GeneID	816698
NCBI Accession #	NP_179754.1
UniProt Primary Accession #	O48671

UniProt Secondary Accession #	Q541D3; Q9SIK0
UniProt Related Accession #	O48671
GenBank Nucleotide #	NM_127731.2
NCBI Official Full Name	protein RER1B
NCBI Official Symbol	RER1B
NCBI Official Synonym Symbols	ATRER1B; endoplasmatic reticulum retrieval protein 1B; F2G1.13; F2G1_13; RER1B
UniProt Protein Name	Protein RER1B
Protein Family	Protein
UniProt Gene Name	RER1B
UniProt Synonym Gene Names	AtRER1B
UniProt Entry Name	RER1B_ARATH
NCBI Protein Information	protein RER1B
NCBI Summary for RER1B	Key player of retrieval of ER membrane proteins
UniProt Comments for RER1B	Function: Involved in the retrieval of endoplasmic reticulum membrane proteins from the early Golgi compartment By similarity. Subcellular location: Membrane; Multi-pass membrane protein Potential. Sequence similarities: Belongs to the RER1 family.
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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