Membrane Magnesium Transporter (AT5G03345) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Membrane magnesium transporter (At5g03345), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Membrane magnesium transporter (At5g03345), partial
Product Gene Name	At5g03345 recombinant protein
Product Synonym Gene Name	At5g03345
Sequence	PGKFLSIHP DSDENRAVFL PDNSDFMIFN HRGRLFPPQI DMKF
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	11,725 Da
Sequence Positions	62-104
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 Q2HIM5
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for At5g03345 recombinant protein	MBS1479409 is a recombinant protein targeting At5g03345. Also known as Recombinant Arabidopsis thaliana Membrane magnesium transporter (At5g03345), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of At5g03345 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 At5g03345. It may not necessarily be applicable to this product.

NCBI GI #	18414195
NCBI GeneID	831867
NCBI Accession #	NP_568115.1
UniProt Primary Accession #	Q2HIM5
UniProt Secondary Accession #	Q8LD56; A8MRD2
UniProt Related Accession #	Q2HIM5

GenBank Nucleotide #	NM_120413.4
NCBI Official Full Name	membrane magnesium transporter-like protein
NCBI Official Symbol	AT5G03345
UniProt Protein Name	Membrane magnesium transporter
UniProt Synonym Protein Names	ER membrane protein complex subunit 5 homolog
Protein Family	Membrane magnesium transporter
UniProt Gene Name	At5g03345
NCBI Protein Information	membrane magnesium transporter-like protein
UniProt Comments for At5g03345	Mediates Mg2+ transport.
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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