Putative ALA-Interacting Subunit 2 (ALIS2) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative ALA-interacting subunit 2 (ALIS2), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Putative ALA-interacting subunit 2 (ALIS2)
Product Gene Name	ALIS2 recombinant protein
Sequence	MMEVEGSMNR APDQSSFLRS RRSKALYQFK QQKLPACKPV LTPISVITVF MLMGFVFIPI GLITLRASRD AIEIIDRYDV ECIPEEYRTN KLLYITDSSI PKNCTRYLKV QKYMKAPIFI YYQLDNYYQN HRRYVKSRSD QQLLHGLEYS HTSSCEPEES SNGLPIVPCG LIAWSMFNDT FTFSRERTKL NVSRNNIAWK SDREHKFGKN VYPINFQNGT LIGGAKLDPK IPLSDQEDFI VWMRAAALLS FRKLYGRIEE DLEPGKVVEV NLMNNYNTYS FSGQKKLILS TSNWLGGRND FLGITYLVVG SSSIVISIIF MLLHLKNPRP YGDNSWNKKS LSS
Host	Cell Free Expression
Form/Format	Liquid containing glycerol
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, conserve at -20 degree C or -80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.
Molecular Weight	39,546 Da
Sequence Positions	1-343aa; full length protein
3D Structure	ModBase 3D Structure for Q67YS6
Species	Arabidopsis thaliana (Mouse-ear cress)
Product Categories/Family for ALIS2 recombinant protein	Transmembrane Protein
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Application Notes for ALIS2 recombinant protein	This is a recombinant transmembrane protein expressed in a cell-free expression system.
Related Product Information for ALIS2 recombinant protein	MBS7007703 is a recombinant protein targeting ALIS2. Also known as Recombinant Arabidopsis thaliana Putative ALA-interacting subunit 2 (ALIS2). Host: Cell Free Expression.
Other Notes	Small volumes of ALIS2 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 ALIS2. It may not necessarily be applicable to this product.

NCBI GI #	18422638
NCBI GeneID	834657
NCBI Accession #	NP_568657.1
UniProt Primary Accession #	Q67YS6
UniProt Secondary Accession #	Q0WQT3; Q67YX0; Q8LDM0; Q9FNK7
UniProt Related Accession #	Q67YS6

GenBank Nucleotide #	NM_123984.3
NCBI Official Full Name	ligand-effect modulator 3 family protein / CDC50 family protein
NCBI Official Symbol	AT5G46150
NCBI Official Synonym Symbols	MCL19.21; MCL19_21
UniProt Protein Name	Putative ALA-interacting subunit 2
Protein Family	Putative ALA-interacting
UniProt Gene Name	ALIS2
UniProt Synonym Gene Names	AtALIS2
UniProt Entry Name	ALIS2_ARATH
NCBI Protein Information	ligand-effect modulator 3 family protein / CDC50 family protein
UniProt Comments for ALIS2	Enzyme and pathway databasesReactome - a knowledgebase of biological pathways and processes More..ReactomeiR-ATH-6798695. Neutrophil degranulation.
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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