Protein MEI2-Like 1 (ML1) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein MEI2-like 1 (ML1), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Protein MEI2-like 1 (ML1) , partial
Product Gene Name	ML1 recombinant protein
Product Synonym Gene Name	ML1
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	100,788 Da
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 Q8W4I9
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ML1 recombinant protein	MBS1458362 is a recombinant protein targeting ML1. Also known as Recombinant Arabidopsis thaliana Protein MEI2-like 1 (ML1) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ML1 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 ML1. It may not necessarily be applicable to this product.

NCBI GI #	79331867
NCBI GeneID	836317
NCBI Accession #	NP_001032122.1
UniProt Primary Accession #	Q8W4I9
UniProt Secondary Accession #	O23866
UniProt Related Accession #	Q8W4I9
GenBank Nucleotide #	NM_001037045.1
NCBI Official Full Name	MEI2-like protein 1
NCBI Official Symbol	ML1

NCBI Official Synonym Symbols	AML1; K22G18.10; K22G18_10; MEI2-like protein 1
UniProt Protein Name	Protein MEI2-like 1
UniProt Synonym Protein Names	MEI2-like protein 1
Protein Family	Protein
UniProt Gene Name	ML1
UniProt Synonym Gene Names	AML1
NCBI Protein Information	MEI2-like protein 1
NCBI Summary for ML1	A member of mei2-like gene family, predominantly plant-based family of genes encoding RNA binding proteins with characteristic presence of a highly conserved RNA binding motif first described in the mei2 gene of the fission yeast S. pombe. In silico analyses reveal nine mei2 -like genes in A. thaliana. They were grouped into four distinct clades, based on overall sequence similarity and subfamily-specific sequence elements. AML1 is a member of two sister clades of mei2-like gene family, AML1 through AML5 and belongs to the clade named ALM14. AML1 is expressed during early embryo development, particularly along embryonic axis at torpedo stage, in shoot apex (weaker expression) and in the organogenic regions of floral apices.
UniProt Comments for ML1	Probable RNA-binding transcriptional activator that plays a role in meiosis and vegetative growth. May be a downstream effector of TOR signaling pathway and recruited by RAPTOR1 for TOR substrate.
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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/recombinant-protein/protein-mei2-like-1-ml1/1458362