Probable Pectinesterase/Pectinesterase Inhibitor 19 (PME19) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable pectinesterase/pectinesterase inhibitor 19 (PME19), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Probable pectinesterase/pectinesterase inhibitor 19 (PME19) , partial
Product Gene Name	PME19 recombinant protein
Product Synonym Gene Name	PME19
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	58,692 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 Q84JX1
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PME19 recombinant protein	MBS1349799 is a recombinant protein targeting PME19. Also known as Recombinant Arabidopsis thaliana Probable pectinesterase/pectinesterase inhibitor 19 (PME19) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of PME19 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 PME19. It may not necessarily be applicable to this product.

NCBI GI #	42561923
NCBI GeneID	837702
NCBI Accession #	NP_172625.3
UniProt Primary Accession #	Q84JX1
UniProt Secondary Accession #	Q9LPX7
UniProt Related Accession #	Q84JX1
GenBank Nucleotide #	NM_101032.3
NCBI Official Full Name	Plant invertase/pectin methylesterase inhibitor superfamily

NCBI Official Symbol	AT1G11590
NCBI Official Synonym Symbols	T23J18.25; T23J18_25
UniProt Protein Name	Probable pectinesterase/pectinesterase inhibitor 19
UniProt Synonym Protein Names	Pectinesterase inhibitor 19Alternative name(s):Pectin methylesterase inhibitor 19
Protein Family	Probable pectinesterase/pectinesterase inhibitor
UniProt Gene Name	PME19
UniProt Synonym Gene Names	ARATH5; PE 19; AtPME19; AtPME5
NCBI Protein Information	Plant invertase/pectin methylesterase inhibitor superfamily
UniProt Comments for PME19	Acts in the modification of cell walls via demethylesterification of cell wall pectin.
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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