Protein Phosphatase Methylesterase 1 (PPE1) Gibberella Zeae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein phosphatase methylesterase 1 (PPE1), Recombinant Protein
Full Product Name	Recombinant Gibberella zeae Protein phosphatase methylesterase 1 (PPE1)
Product Gene Name	PPE1 recombinant protein
Product Synonym Gene Name	PPE1; FG00587
Product Synonym Names	Protein phosphatase methylesterase 1; PME-1; EC=3.1.1.89
Sequence	MSDLQRTWAK AKFGASNDPF DEPQEEQGQD VLPELPEPVD DDSSSASSAS SVSSTGTIIP SPNQKLFARP QGVARGRTLE QIPWTTYFER EVSLKSEQDP EVIYHAYLTS PVGKGPLFVM HHGAGSSGLS FAVVASQIRK RISTAGILAL DCRGHGSTYA PEDKAFDMRL DTLSSDLYNV VQLTKTEMSW PEMPPIVLVG HSLGGAVVTD LAKSGKLGTS VLGYAVLDVV EGSAIDALQS MHTYLSTRPL GFATLQAGIE WHIRSRTIRN SISARTSVPA LLVFNENDDP TRPWRWRTNL GATQPYWEDW FVGLSKKFLE ARGGKMLLLA GTDRLDTELT IGQMQGKYAL QVFPEAGHFI HEDLPEKTAV SLVDFFRRND RTALVLPPKV SDLIKQGKRV
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	43,956 Da
Sequence Positions	1-400aa; full length protein
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 Q4IQC1
Species	Gibberella zeae (strain PH-1 / MYA-4620 / FGSC 9075 / NRRL 31084) (Wheat head blight fungus) (Fusarium graminearum)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PPE1 recombinant protein	MBS1431726 is a recombinant protein targeting PPE1. Also known as Recombinant Gibberella zeae Protein phosphatase methylesterase 1 (PPE1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of PPE1 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 PPE1. It may not necessarily be applicable to this product.

NCBI GI #	46107408
NCBI GeneID	2784300
NCBI Accession #	XP_380763.1

UniProt Primary Accession #	Q4IQC1
UniProt Secondary Accession #	V6QV46
UniProt Related Accession #	EAA69248
GenBank Nucleotide #	XM_380763.1
NCBI Official Full Name	hypothetical protein FG00587.1
NCBI Official Symbol	FG00587.1
UniProt Protein Name	Protein phosphatase methylesterase 1
Protein Family	Protein phosphatase methylesterase
UniProt Gene Name	PPE1
UniProt Synonym Gene Names	PME-1
UniProt Entry Name	PPME1_GIBZE
NCBI Protein Information	hypothetical protein
UniProt Comments for PPE1	Demethylates proteins that have been reversibly carboxymethylated. Demethylates the phosphatase PP2A catalytic subunit ().
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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