Pathogenesis-Related Protein R Major Form (LOC107776518) Nicotiana Tabacum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Pathogenesis-related protein R major form (LOC107776518), Recombinant Protein
Full Product Name	Recombinant Nicotiana tabacum Pathogenesis-related protein R major form
Product Gene Name	LOC107776518 recombinant protein
Sequence	ATFDIVNKCT YTVWAAASPG GGRRLDSGQS WSINVNPGTV QARIWGRTNC NFDGSGRGNC ETGDCNGMLE CQGYGKAPNT LAEFALNQPN QDFVDISLVD GFNIPMEFSP TNGGCRNLRC TAPINEQCPA QLKTQGGCNN PCTVIKTNEY CCTNGPGSCG PTDLSRFFKE RCPDAYSYPQ DDPTSLFTCP SGTNYRVVFC P
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	24,667 Da
Sequence Positions	26-226, 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 P13046
Species	Nicotiana tabacum (Common tobacco)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for LOC107776518 recombinant protein	MBS1220528 is a recombinant protein targeting LOC107776518. Also known as Recombinant Nicotiana tabacum Pathogenesis-related protein R major form. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of LOC107776518 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 LOC107776518. It may not necessarily be applicable to this product.

NCBI GI #	1027855860
NCBI GeneID	107776518
NCBI Accession #	NP_001312145.1
UniProt Primary Accession #	P13046
UniProt Related Accession #	P13046

GenBank Nucleotide #	NM_001325216.1
NCBI Official Full Name	pathogenesis-related protein R major form
NCBI Official Symbol	LOC107776518
NCBI Official Synonym Symbols	E22; TLP1
UniProt Protein Name	Pathogenesis-related protein R major form
UniProt Synonym Protein Names	Thaumatin-like protein E22
Protein Family	Pathogenesis-related protein
NCBI Protein Information	pathogenesis-related protein R major form
UniProt Comments for LOC107776518	MiscellaneousPR proteins are acid-soluble, protease-resistant proteins which accumulate in the intercellular spaces of many plants as a result of the hypersensitive reaction to a pathogen.
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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