Soluble Inorganic Pyrophosphatase 1, Chloroplastic (PPA1) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Soluble inorganic pyrophosphatase 1, chloroplastic (PPA1), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Soluble inorganic pyrophosphatase 1, chloroplastic (PPA1), partial
Product Gene Name	PPA1 recombinant protein
Product Synonym Gene Name	PPA1
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	33,380 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 Q9LXC9
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PPA1 recombinant protein	MBS1353894 is a recombinant protein targeting PPA1. Also known as Recombinant Arabidopsis thaliana Soluble inorganic pyrophosphatase 1, chloroplastic (PPA1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of PPA1 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 PPA1. It may not necessarily be applicable to this product.

NCBI GI #	15242465
NCBI GeneID	830824
NCBI Accession #	NP_196527.1
UniProt Primary Accession #	Q9LXC9
UniProt Secondary Accession #	Q8LBD6
UniProt Related Accession #	Q9LXC9
GenBank Nucleotide #	NM_121002.3
NCBI Official Full Name	pyrophosphorylase 6

NCBI Official Symbol	PPa6
NCBI Official Synonym Symbols	AtPPa6; F17I14.160; F17I14_160; pyrophosphorylase 6
UniProt Protein Name	Soluble inorganic pyrophosphatase 6, chloroplastic
UniProt Synonym Protein Names	Inorganic pyrophosphatase 6; Pyrophosphate phospho-hydrolase 6
Protein Family	Minor serine/threonine-protein phosphatase
UniProt Gene Name	PPA6
UniProt Synonym Gene Names	PPase 6
NCBI Protein Information	pyrophosphorylase 6
NCBI Summary for PPA1	Encodes a protein with inorganic pyrophosphatase activity.
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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