Inorganic Pyrophosphatase (IPP1) Ashbya Gossypii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Inorganic pyrophosphatase (IPP1), Recombinant Protein
Full Product Name	Recombinant Ashbya gossypii Inorganic pyrophosphatase (IPP1)
Product Gene Name	IPP1 recombinant protein
Product Synonym Gene Name	IPP1; AER015C
Product Synonym Names	Inorganic pyrophosphatase; EC=3.6.1.1; Pyrophosphate phospho-hydrolase; PPase
Sequence	MSYTTRQIGA KNTLDYRVFI EKAGKVVSPF HDIPLYADEE NQIFNMVVEI PRWTNAKLEI TKEEAMNPII QDTKKGKLRY VRNCFPHHGY IHNYGAFPQT WEDPNVAHPE TKAYGDNDPL DVLEIGETIA YTGQVKQVKV LGVMALLDEG ETDWKIIVID VHDPLAPKLN DIEDVEKHLP GLLRATNEWF RIYKIPDGKP ENQFAFSGEA KNRKYALDVI RECHEAWCQL VAGKAADDKK VSLANSTLQE SVAYAPEVAA AVPAANPLPD APIDKSIDKW FFISGSA
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	32,278 Da
Sequence Positions	1-287aa; 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 Q757J8
Species	Ashbya gossypii (strain 10895 / CBS 109.51 / FGSC 9923 / NRRL Y-1056) (Yeast) (Eremothecium gossypii)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for IPP1 recombinant protein	MBS1285647 is a recombinant protein targeting IPP1. Also known as Recombinant Ashbya gossypii Inorganic pyrophosphatase (IPP1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of IPP1 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 IPP1. It may not necessarily be applicable to this product.

NCBI GI #	45190621
NCBI GeneID	4621075
NCBI Accession #	NP_984875.1
UniProt Primary Accession #	Q757J8

UniProt Related Accession #	Q757J8
GenBank Nucleotide #	NM_210229.1
NCBI Official Full Name	AER015Cp
NCBI Official Symbol	AGOS_AER015C
UniProt Protein Name	Inorganic pyrophosphatase
UniProt Synonym Protein Names	Pyrophosphate phospho-hydrolase; PPase
UniProt Gene Name	IPP1
UniProt Synonym Gene Names	PPase
UniProt Entry Name	IPYR_ASHGO
NCBI Protein Information	AER015Cp
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