Undecaprenyl-Diphosphatase (uppP) Sulfolobus Islandicus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Undecaprenyl-diphosphatase (uppP), Recombinant Protein
Full Product Name	Recombinant Sulfolobus islandicus Undecaprenyl-diphosphatase (uppP), partial
Product Gene Name	uppP recombinant protein
Sequence	MDYILIGVIL GIVQGISEWI PISSKTQVLI VSSSLLGLSF SVAYSFGLFM EIGTIAAAII YFRREISGLL KALVRMSSRR EDYLLLKFLV IVTIITGLMG VPLYLFVISL PILGLPMTVL GVVLLTDGII IYLSRKNYIS RKGLHDLRLR DIIIVGIAQG LAALPGVSRS GITTSALILL GVKPEEAFKL SFISLIPAAL GAIGVTVLFS KHEVSQAVHS VSLSGLLISI VVATFVSIFF INALLRFART NKVVVLVIIL GIIAIISGIL SGIAKGFY
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	29,842 Da
Sequence Positions	1-278
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 C3MWB6
Species	Sulfolobus islandicus (strain M.14.25 / Kamchatka #1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for uppP recombinant protein	MBS1161413 is a recombinant protein targeting uppP. Also known as Recombinant Sulfolobus islandicus Undecaprenyl-diphosphatase (uppP), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of uppP 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 uppP. It may not necessarily be applicable to this product.

NCBI GI #	502106023
NCBI Accession #	WP_012710845.1
UniProt Primary Accession #	C3MWB6
GenBank Nucleotide #	WP_012710845.1
NCBI Official Full Name	undecaprenyl-diphosphatase
UniProt Protein Name	Undecaprenyl-diphosphatase

UniProt Synonym Protein Names	Undecaprenyl pyrophosphate phosphatase
Protein Family	Undecaprenyl-diphosphatase
UniProt Gene Name	uppP
UniProt Comments for uppP	Catalyzes the dephosphorylation of undecaprenyl diphosphate (UPP).
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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