Probable Non-Canonical Purine NTP Phosphatase (M1627_0048) (M1627_0048) Sulfolobus Islandicus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable non-canonical purine NTP phosphatase (M1627_0048), Recombinant Protein
Full Product Name	Recombinant Sulfolobus islandicus Probable non-canonical purine NTP phosphatase (M1627_0048)
Product Gene Name	M1627_0048 recombinant protein
Sequence	MVTIALGSRN PVKINATKEA LDVLKLNWDL IGIEVDSGVD KQPFCDQTYV GARNRALNVI RVTNADIGLG IEGGVCNVYG KFIANAVVYV ITKEGLENFA ISSSFTLPSS MVSLILQGKE LGEASDIIFK TNNSKTKEGA IGLLTNNVIN RKMLYVQPIV LALYPIYNTM INNTPF
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	19,142 Da
Sequence Positions	1-176, 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 C3N0B6
Species	Sulfolobus islandicus (strain M.16.27)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for M1627_0048 recombinant protein	MBS1247847 is a recombinant protein targeting M1627_0048. Also known as Recombinant Sulfolobus islandicus Probable non-canonical purine NTP phosphatase (M1627_0048). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of M1627_0048 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 M1627_0048. It may not necessarily be applicable to this product.

NCBI GI #	502136947
NCBI Accession #	WP_012718325.1
UniProt Primary Accession #	C3N0B6
GenBank Nucleotide #	WP_012718325.1
NCBI Official Full Name	non-canonical purine NTP phosphatase

UniProt Protein Name	Probable non-canonical purine NTP phosphatase
UniProt Gene Name	M1627_0048
UniProt Comments for M1627_0048	Phosphatase that hydrolyzes non-canonical purine nucleotides such as XTP and ITP to their respective diphosphate derivatives. Probably excludes non-canonical purines from DNA precursor pool, thus preventing their incorporation into DNA and avoiding chromosomal lesions.
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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