Probable Hydrogenase Nickel Incorporation Protein Hypa (hypA) Methanocaldococcus Jannaschii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable hydrogenase nickel incorporation protein HypA (hypA), Recombinant Protein
Full Product Name	Recombinant Methanocaldococcus jannaschii Probable hydrogenase nickel incorporation protein HypA (hypA)
Product Gene Name	hypA recombinant protein
Product Synonym Gene Name	hypA; MJ0214
Product Synonym Names	Probable hydrogenase nickel incorporation protein HypA
Sequence	MHELSYANAM LEAILNSIKK EEEKGKKIKK VTEINLEVGE LTFINVEQLK FAFEVIAEGT VCEGAKINVE FIKPKCKCLD CGYEGEPEIL DEFEVYCPKC KSIRLKLSGG KEFNIKNATV EYED
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	14,058 Da
Sequence Positions	1-124aa; 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 Q57667
Species	Methanocaldococcus jannaschii (strain 43067 / DSM 2661 / JAL-1 / JCM 10045 / NBRC 100440) (Methanococcus jannaschii)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hypA recombinant protein	MBS1339728 is a recombinant protein targeting hypA. Also known as Recombinant Methanocaldococcus jannaschii Probable hydrogenase nickel incorporation protein HypA (hypA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of hypA 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 hypA. It may not necessarily be applicable to this product.

NCBI GI #	15668387
NCBI GeneID	1451064
NCBI Accession #	NP_247183.1

UniProt Primary Accession #	Q57667
UniProt Related Accession #	Q57667
GenBank Nucleotide #	NC_000909.1
NCBI Official Full Name	hydrogenase expression/formation protein HypA
NCBI Official Symbol	MJ_0214
UniProt Protein Name	Probable hydrogenase nickel incorporation protein HypA
Protein Family	Hydrogenase nickel incorporation protein
UniProt Gene Name	hypA
UniProt Entry Name	HYPA_METJA
NCBI Protein Information	hydrogenase expression/formation protein HypA
UniProt Comments for hypA	Probably plays a role in a hydrogenase nickel cofactor insertion step.
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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