Probable Hydrogenase Nickel Incorporation Protein Hypa (hypA) Syntrophus Aciditrophicus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable hydrogenase nickel incorporation protein HypA (hypA), Recombinant Protein
Full Product Name	Recombinant Syntrophus aciditrophicus Probable hydrogenase nickel incorporation protein HypA (hypA)
Product Gene Name	hypA recombinant protein
Product Synonym Gene Name	hypA
Sequence	MHELSLVSSI LDIIEDYAAQ DGFRRVNNLR LSCGRLSGVD LQCLRFAFEV LSRETRSEGA TLEIDFLPIV ISCLNCGEDT EVEYVEASCP ECGSENVLLA GGTEELRLLE LDVD
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	12,600 Da
Sequence Positions	1-114, 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 Q2LVX4
Species	Syntrophus aciditrophicus (strain SB)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hypA recombinant protein	MBS1355709 is a recombinant protein targeting hypA. Also known as Recombinant Syntrophus aciditrophicus 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 #	499737523
NCBI Accession #	WP_011418257.1
UniProt Primary Accession #	Q2LVX4
GenBank Nucleotide #	WP_011418257.1
NCBI Official Full Name	hydrogenase nickel incorporation protein HypA

UniProt Protein Name	Hydrogenase maturation factor HypA
Protein Family	Hydrogenase nickel incorporation protein
UniProt Gene Name	hypA
UniProt Comments for hypA	Involved in the maturation of [NiFe] hydrogenases. Required for nickel insertion into the metal center of the hydrogenase.
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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