Formate Hydrogenlyase Maturation Protein Hych (hycH) Escherichia Coli O157:h7 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Formate hydrogenlyase maturation protein hycH (hycH), Recombinant Protein
Full Product Name	Recombinant Escherichia coli O157:H7 Formate hydrogenlyase maturation protein hycH (hycH)
Product Gene Name	hycH recombinant protein
Sequence	MSEKVVFSQL SRKFIDENDA TPAEAQQVVY YSLAIGHHLG VIDCLEAALT CPWDEYLAWI ATLEAGSEAR RKMEGVPKYG EIVIDINHVP MLANAFDKAR AAQTSQQQEW STMLLSMLHD IHQENAIYLM VRRLRD
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	15,465 Da
Sequence Positions	1-136, 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 P0AEV8
Species	Escherichia coli O157:H7
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hycH recombinant protein	MBS1255805 is a recombinant protein targeting hycH. Also known as Recombinant Escherichia coli O157:H7 Formate hydrogenlyase maturation protein hycH (hycH). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of hycH 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 hycH. It may not necessarily be applicable to this product.

NCBI GI #	15832828
NCBI GeneID	914704
NCBI Accession #	NP_311601.1
UniProt Primary Accession #	P0AEV8
UniProt Secondary Accession #	P16434
GenBank Nucleotide #	NC_002695.1
NCBI Official Full Name	formate hydrogenlyase maturation protein

NCBI Official Symbol	ECs3574
UniProt Protein Name	Formate hydrogenlyase maturation protein HycH
Protein Family	Formate hydrogenlyase maturation protein
UniProt Gene Name	hycH
NCBI Protein Information	formate hydrogenlyase maturation protein
UniProt Comments for hycH	Seems to be required for the conversion of a precursor form of the large subunit of hydrogenlyase (HycE) into a mature form.
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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