Uncharacterized Ferredoxin-Like Protein Ydhx (ydhX) Escherichia Coli Recombinant Protein

PRODUCT OVERVIEW

Product Name	Uncharacterized ferredoxin-like protein ydhX (ydhX), Recombinant Protein
Full Product Name	Recombinant Escherichia coli Uncharacterized ferredoxin-like protein ydhX (ydhX)
Product Gene Name	ydhX recombinant protein
Sequence	NTRQEKEVRY AMIHDESRCN GCNICARACR KTNHVPAQGS RLSIAHIPVT DNDNETQYHF FRQSCQHCED APCIDVCPTG ASWRDEQGIV RVEKSQCIGC SYCIGACPYQ VRYLNPVTKV ADKCDFCAES RLAKGFPPIC VSACPEHALI FGREDSPEIQ AWLQQNKYYQ YQLPGAGKPH LYRRFGQHLI KKENV
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	25,093 Da
Sequence Positions	28-222, 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 P77375
Species	Escherichia coli (strain K12)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ydhX recombinant protein	MBS1239246 is a recombinant protein targeting ydhX. Also known as Recombinant Escherichia coli Uncharacterized ferredoxin-like protein ydhX (ydhX). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ydhX 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 ydhX. It may not necessarily be applicable to this product.

NCBI GI #	226524717
NCBI GeneID	947308
NCBI Accession #	NP_416186.4
UniProt Primary Accession #	P77375
GenBank Nucleotide #	NC_000913.3

NCBI Official Full Name	putative 4Fe-4S ferridoxin-type protein; FNR, Nar, NarP-regulated protein; putative subunit of YdhYVWXUT oxidoreductase complex
NCBI Official Symbol	ydhX
NCBI Official Synonym Symbols	ECK1667; JW5271
UniProt Protein Name	Uncharacterized ferredoxin-like protein YdhX
UniProt Gene Name	ydhX
NCBI Protein Information	putative 4Fe-4S ferridoxin-type protein; FNR, Nar, NarP-regulated protein; putative subunit of YdhYVWXUT oxidoreductase complex
NCBI Summary for ydhX	Verified Tat substrate: [More information is available at EcoGene: EG13958]. YdhX is a predicted electron transfer protein . [More information is available at EcoCyc: G6899].
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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