Quinone-Reactive Ni/Fe-Hydrogenase B-Type Cytochrome Subunit (hydC) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Quinone-reactive Ni/Fe-hydrogenase B-type cytochrome subunit (hydC), Recombinant Protein
Full Product Name	Recombinant Quinone-reactive Ni/Fe-hydrogenase B-type cytochrome subunit (hydC)
Product Gene Name	hydC recombinant protein
Product Synonym Gene Name	hydC; hyaC
Product Synonym Names	Recombinant Quinone-reactive Ni/Fe-hydrogenase B-type cytochrome subunit (hydC); Quinone-reactive Ni/Fe-hydrogenase B-type cytochrome subunit
Sequence	MENRANTEGT FERELEFTAL TRWFHWIRAI AIFVLIVTGF YIAYPFLTPI KNSEPTNFMY ALARSWHQIF GFALIAVTIF RVYLFIFDKG CRVERASFWD LINPLTWFRQ LRNYMLLGPH PHLKGVYNPV QLAAYMGLMV LILLISVTGI ILYYNVYHDG LGAILFAIFK PLEVMFGGLA NVRAIHHITT WAFVIFIPVH IYMATWNSAR YPNGGIDSIF SGFRYHKKHY
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 degree C. For extended storage, store at -20 or -80 degree C.
Molecular Weight	26,830 Da
Sequence Positions	1-230
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 P31875
Species	Wolinella succinogenes
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hydC recombinant protein	MBS1226264 is a recombinant protein targeting hydC. Also known as Recombinant Quinone-reactive Ni/Fe-hydrogenase B-type cytochrome subunit (hydC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of hydC 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 hydC. It may not necessarily be applicable to this product.

NCBI GI #	34557997
NCBI Accession #	NP_907812.1
UniProt Primary Accession #	P31875

GenBank Nucleotide #	NC_005090.1
NCBI Official Full Name	Ni/Fe-hydrogenase cytochrome B
UniProt Protein Name	Quinone-reactive Ni/Fe-hydrogenase B-type cytochrome subunit
Protein Family	Quinone-reactive Ni/Fe-hydrogenase B-type cytochrome
UniProt Gene Name	hydC
UniProt Synonym Gene Names	hyaC
UniProt Entry Name	CYBH_WOLSU
UniProt Comments for hydC	Function: B-type cytochrome that interacts with quinones and anchor the hydrogenase to the membrane. Subcellular location: Cell membrane; Multi-pass membrane protein. Sequence similarities: Belongs to the HupC/HyaC/HydC family.
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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