Succinate Dehydrogenase [Ubiquinone] Iron-Sulfur Subunit (SDH2) Chondrus Crispus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Succinate dehydrogenase [ubiquinone] iron-sulfur subunit (SDH2), Recombinant Protein
Full Product Name	Recombinant Chondrus crispus Succinate dehydrogenase [ubiquinone] iron-sulfur subunit (SDH2)
Product Gene Name	SDH2 recombinant protein
Sequence	MIIKNLNQKI ITIDNSSPYQ KFIRIYRWNP NLNLNPWFSI FPISTNNCGP MILDALIQIK NIQDSSLTFR RSCREGICGS CSMNIDGTNS LACLRSLNTK SNFITIYPLP HTYIIKDLVP DLSNFYAQYK LIKPWLINKI GFSLKENLQS KIDRLELDGL YECILCACCS ASCPSYWWNQ DKYLGPAILL QAYRWIVDSR DNSTENRLNF LNNKMRLFRC HTIMNCSKTC PKSLNPGKAI ASIKYRIINN
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	28,887 Da
Sequence Positions	1-250, 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 P48932
Species	Chondrus crispus (Carragheen moss) (Irish moss)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SDH2 recombinant protein	MBS1254084 is a recombinant protein targeting SDH2. Also known as Recombinant Chondrus crispus Succinate dehydrogenase [ubiquinone] iron-sulfur subunit (SDH2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of SDH2 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 SDH2. It may not necessarily be applicable to this product.

NCBI GI #	9653242
NCBI GeneID	809396
NCBI Accession #	NP_062488.1
UniProt Primary Accession #	P48932
UniProt Related Accession #	P48932

GenBank Nucleotide #	NC_001677.2
NCBI Official Full Name	succinate:cytochrome c oxidoreductase subunit 2 (mitochondrion)
NCBI Official Symbol	sdh2
UniProt Protein Name	Succinate dehydrogenase [ubiquinone] iron-sulfur subunit
UniProt Synonym Protein Names	Iron-sulfur subunit of complex II; Ip
Protein Family	Succinate dehydrogenase
UniProt Gene Name	SDH2
UniProt Synonym Gene Names	SDHB; Ip
NCBI Protein Information	succinate:cytochrome c oxidoreductase subunit 2
UniProt Comments for SDH2	Iron-sulfur protein (IP) subunit of succinate dehydrogenase (SDH) that is involved in complex II of the mitochondrial electron transport chain and is responsible for transferring electrons from succinate to ubiquinone (coenzyme Q).
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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