Succinate Dehydrogenase Assembly Factor 2-A, Mitochondrial (CG14757) Drosophila Melanogaster Recombinant Protein

PRODUCT OVERVIEW

Product Name	Succinate dehydrogenase assembly factor 2-A, mitochondrial (CG14757), Recombinant Protein
Full Product Name	Recombinant Drosophila melanogaster Succinate dehydrogenase assembly factor 2-A, mitochondrial (CG14757)
Product Gene Name	CG14757 recombinant protein
Product Synonym Names	Succinate dehydrogenase assembly factor 2-A, mitochondrial; SDH assembly factor 2-A; Succinate dehydrogenase subunit 5-A, mitochondrial
Sequence	SNMKDSP PPPPPLASTF NDVIVDYEDP DYLPLPEYPV RPNEPLETRK QRLLYQSRKR GMLENDLLLS TFAAKHLQNF SAEQTAQYDQ LINGVSNDWD IYYWATEVKP TPKEYDTEIM GLLKEHVKNA ERVTRLRQPD LNI
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	19,194 Da
Sequence Positions	24-163aa; Cytoplasmic domain
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 Q4V5I9
Species	Drosophila melanogaster (Fruit fly)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CG14757 recombinant protein	MBS1386854 is a recombinant protein targeting CG14757. Also known as Recombinant Drosophila melanogaster Succinate dehydrogenase assembly factor 2-A, mitochondrial (CG14757). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CG14757 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 CG14757. It may not necessarily be applicable to this product.

NCBI GI #	24586533
NCBI GeneID	35797
NCBI Accession #	NP_610363.1
UniProt Primary Accession #	Q4V5I9

UniProt Related Accession #	Q4V5I9
GenBank Nucleotide #	NM_136519.2
NCBI Official Full Name	CG14757
NCBI Official Symbol	CG14757
NCBI Official Synonym Symbols	146793_at; DmelCG14757
UniProt Protein Name	Succinate dehydrogenase assembly factor 2-A, mitochondrial
UniProt Synonym Protein Names	Succinate dehydrogenase subunit 5-A, mitochondrial
UniProt Gene Name	CG14757
UniProt Synonym Gene Names	SDH assembly factor 2-A
UniProt Entry Name	SDF2A_DROME
NCBI Protein Information	CG14757 gene product from transcript CG14757-RA; CG14757-PA
UniProt Comments for CG14757	Plays an essential role in the assembly of succinate dehydrogenase (SDH), an enzyme complex (also referred to as respiratory complex II) that is a component of both the tricarboxylic acid (TCA) cycle and the mitochondrial electron transport chain, and which couples the oxidation of succinate to fumarate with the reduction of ubiquinone (coenzyme Q) to ubiquinol. Required for flavinylation (covalent attachment of FAD) of the flavoprotein subunit of the SDH catalytic dimer.
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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