Protein SCO2 Homolog, Mitochondrial (sco2) Danio Rerio Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein SCO2 homolog, mitochondrial (sco2), Recombinant Protein
Full Product Name	Recombinant Danio rerio Protein SCO2 homolog, mitochondrial (sco2), partial
Product Gene Name	sco2 recombinant protein
Product Synonym Gene Name	sco2
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	32,111 Da
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 Q5RH02
Species	Zebrafish
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for sco2 recombinant protein	MBS1324845 is a recombinant protein targeting sco2. Also known as Recombinant Danio rerio Protein SCO2 homolog, mitochondrial (sco2), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of sco2 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 sco2. It may not necessarily be applicable to this product.

NCBI GI #	113676613
NCBI GeneID	606683
NCBI Accession #	NP_001038697.1
UniProt Primary Accession #	Q5RH02
UniProt Related Accession #	Q5RH02
GenBank Nucleotide #	NM_001045232.1
NCBI Official Full Name	protein SCO2 homolog, mitochondrial
NCBI Official Synonym Full Names	SCO2 cytochrome c oxidase assembly protein
NCBI Official Symbol	sco2

NCBI Official Synonym Symbols	si:dkey-202b22.3
UniProt Protein Name	Protein SCO2 homolog, mitochondrial
Protein Family	Protein
UniProt Gene Name	sco2
NCBI Protein Information	protein SCO2 homolog, mitochondrial
UniProt Comments for sco2	Acts as a copper chaperone, transporting copper to the Cu(A) site on the cytochrome c oxidase subunit II (COX2).
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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