Cytochrome B-C1 Complex Subunit 8 (UQCRQ) Ailuropoda Melanoleuca Recombinant Protein

PRODUCT OVERVIEW

Product Name	Cytochrome b-c1 complex subunit 8 (UQCRQ), Recombinant Protein
Full Product Name	Recombinant Ailuropoda melanoleuca Cytochrome b-c1 complex subunit 8 (UQCRQ)
Product Gene Name	UQCRQ recombinant protein
Product Synonym Gene Name	UQCRQ
Sequence	GREFGNLTRM RHVITYSLSP FEQRAFPHYF SKGIPNVLRR MRACVLRVVP PFVAFYLVYT WGTQEFENSK RKNPAAYEND K
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	9,732 Da
Sequence Positions	2-82, 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 Q2L897
Species	Ailuropoda melanoleuca (Giant panda)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for UQCRQ recombinant protein	MBS1479942 is a recombinant protein targeting UQCRQ. Also known as Recombinant Ailuropoda melanoleuca Cytochrome b-c1 complex subunit 8 (UQCRQ). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of UQCRQ 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 UQCRQ. It may not necessarily be applicable to this product.

NCBI GI #	301754265
NCBI GeneID	100483229
NCBI Accession #	XP_002912950.1
UniProt Primary Accession #	Q2L897
UniProt Related Accession #	Q2L897

GenBank Nucleotide #	XM_002912904.3
NCBI Official Full Name	cytochrome b-c1 complex subunit 8
NCBI Official Symbol	UQCRQ
UniProt Protein Name	Cytochrome b-c1 complex subunit 8
UniProt Synonym Protein Names	Complex III subunit 8; Complex III subunit VIII; Ubiquinol-cytochrome c reductase complex 9.5 kDa protein; Ubiquinol-cytochrome c reductase complex ubiquinone-binding protein QP-C
UniProt Gene Name	UQCRQ
NCBI Protein Information	cytochrome b-c1 complex subunit 8
UniProt Comments for UQCRQ	This is a component of the ubiquinol-cytochrome c reductase complex (complex III or cytochrome b-c1 complex), which is part of the mitochondrial respiratory chain. This subunit, together with cytochrome b, binds to ubiquinone.
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