NDUFC1 Peptide - Middle Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	NDUFC1, Blocking Peptide
Full Product Name	NDUFC1 Peptide - middle region
Product Gene Name	NDUFC1 blocking peptide
Product Synonym Gene Name	KFYI; MGC117464; MGC126847; MGC138266
Form/Format	Lyophilized powder
Preparation and Storage	Add 100ul of sterile PBS. Final peptide concentration is 1 mg/ml in PBS. For longer periods of storage, store at -20 degree C. Avoid repeat freeze-thaw cycles.
Antibody/Peptide Pairs	NDUFC1 peptide (MBS3237674) is used for blocking the activity of NDUFC1 antibody (MBS3212727)
Molecular Weight	9kDa
OMIM	603844
Product Categories/Family for NDUFC1 blocking peptide	Peptide
Applications Tested/Suitable for NDUFC1 blocking peptide	Western Blot (WB)
Related Product Information for NDUFC1 blocking peptide	This is a synthetic peptide designed for use in combination with anti-NDUFC1 antibody made Target Description: NDUFC1 is the accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The imme
Other Notes	Small volumes of NDUFC1 blocking peptide 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.
Searchable Terms for NDUFC1 purchase	MBS3237674 is a blocking peptide targeting NDUFC1. Also known as NDUFC1 Peptide - middle region.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NDUFC1. It may not necessarily be applicable to this product.

NCBI GI #	4505367
NCBI GeneID	4717
NCBI Accession #	NP_002485
UniProt Primary Accession #	O43677
UniProt Related Accession #	O43677
GenBank Nucleotide #	NM_002494
NCBI Official Full Name	NADH dehydrogenase
NCBI Official Synonym Full Names	NADH:ubiquinone oxidoreductase subunit C1
NCBI Official Symbol	NDUFC1

NCBI Official Synonym Symbols	KFYI
UniProt Protein Name	NADH dehydrogenase [ubiquinone] 1 subunit C1, mitochondrial
UniProt Synonym Protein Names	Complex I-KFYI; CI-KFYI; NADH-ubiquinone oxidoreductase KFYI subunit
Protein Family	NADH dehydrogenase
UniProt Gene Name	NDUFC1
UniProt Synonym Gene Names	CI-KFYI
UniProt Entry Name	NDUC1_HUMAN
NCBI Protein Information	NADH dehydrogenase [ubiquinone] 1 subunit C1, mitochondrial
NCBI Summary for NDUFC1	The encoded protein is a subunit of the NADH:ubiquinone oxidoreductase (complex I), the first enzyme complex in the electron transport chain located in the inner mitochondrial membrane. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2010]
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