NDUFS3 Peptide-C-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	NDUFS3, Blocking Peptide
Full Product Name	NDUFS3 Peptide-C-terminal region
Product Gene Name	NDUFS3 blocking peptide
Product Synonym Names	CI-30kD; 0610010M09Rik
Sequence	YDDEVKRVVA EPVELAQEFR KFDLNSPWEA FPAYRQPPES LKLEAGDKKP
Species Reactivity	Mouse
Form/Format	Lyophilized powder
Preparation and Storage	Add 100ul of sterile PBS. Final peptide concentration is 1mg/ml in PBS. For longer periods of storage, store at -20 degree C. Avoid repeat freeze-thaw cycles.
Antibody/Peptide Pairs	NDUFS3 peptide (MBS3249430) is used for blocking the activity of NDUFS3 antibody (MBS3249756)
Molecular Weight	28kDa
Quality Control	The peptide is characterized by mass spectroscopy
Protein Size	263 amino acids
Related Product Information for NDUFS3 blocking peptide	This is a synthetic peptide designed for use in combination with anti-NDUFS3 Antibody. It may block above mentioned antibody from binding to its target protein in western blot and/or immunohistochecmistry under proper experimental settings. Description of Target: Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone (By similarity).
Other Notes	Small volumes of NDUFS3 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 NDUFS3 purchase	MBS3249430 is a blocking peptide targeting NDUFS3. Also known as NDUFS3 Peptide-C-terminal region. Reactive in Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NDUFS3. It may not necessarily be applicable to this product.

NCBI GeneID	68349
NCBI Accession #	NM_026688.2
UniProt Primary Accession #	Q9DCT2
UniProt Related Accession #	NP_080964.1
UniProt Protein Name	NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial
UniProt Synonym Protein Names	Complex I-30kD; CI-30kD; NADH-ubiquinone oxidoreductase 30 kDa subunit
UniProt Gene Name	Ndufs3
UniProt Synonym Gene Names	CI-30kD

UniProt Entry Name	NDUS3_MOUSE
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