NADH Dehydrogenase [Ubiquinone] 1 Alpha Subcomplex Subunit 12 (NDUFA12) Pan Troglodytes Recombinant Protein

PRODUCT OVERVIEW

Product Name	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12 (NDUFA12), Recombinant Protein
Full Product Name	Recombinant Pan troglodytes NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12 (NDUFA12)
Product Gene Name	NDUFA12 recombinant protein
Product Synonym Gene Name	NDUFA12
Sequence	MELVQVLKRG LQQITGHGGL RGYLRVFFRT NDAKVGTLVG EDKYGNKYYE DNKQFFGRHR WVVYTTEMNG KNTFWDVDGS MVPPEWHRWL HSMTDDPPTT KPLTARKFIW TNHKFNVTGT PEQYVPYSTT RKKIQEWIPP STPYK
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	17,114 Da
Sequence Positions	1-145, 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 Q0MQ87
Species	Pan troglodytes (Chimpanzee)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for NDUFA12 recombinant protein	MBS1406321 is a recombinant protein targeting NDUFA12. Also known as Recombinant Pan troglodytes NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12 (NDUFA12). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of NDUFA12 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 NDUFA12. It may not necessarily be applicable to this product.

NCBI GI #	115392041
NCBI GeneID	452134
NCBI Accession #	NP_001065252.1
UniProt Primary Accession #	Q0MQ87

UniProt Related Accession #	Q0MQ87
GenBank Nucleotide #	NM_001071784.1
NCBI Official Full Name	NADH dehydrogenase
NCBI Official Synonym Full Names	NADH:ubiquinone oxidoreductase subunit A12
NCBI Official Symbol	NDUFA12
UniProt Protein Name	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12
UniProt Synonym Protein Names	Complex I-B17.2; CI-B17.2; CIB17.2; NADH-ubiquinone oxidoreductase subunit B17.2
Protein Family	NADH dehydrogenase
UniProt Gene Name	NDUFA12
UniProt Synonym Gene Names	CI-B17.2; CIB17.2
NCBI Protein Information	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12
UniProt Comments for NDUFA12	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 immediate electron acceptor for the enzyme is believed to be ubiquinone.
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