NADH Dehydrogenase [Ubiquinone] 1 Beta Subcomplex Subunit 1 (NDUFB1) Pongo Abelii Recombinant Protein

PRODUCT OVERVIEW

Product Name	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 1 (NDUFB1), Recombinant Protein
Full Product Name	Recombinant Pongo abelii NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 1 (NDUFB1), partial
Product Gene Name	NDUFB1 recombinant protein
Sequence	MVNLLQIVRD HWVHVLVPMG FVIGCYLDKK SDEQLTAFRN KSMLFKRGLQ PNEEVTWK
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	6,860 Da
Sequence Positions	1-58
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 P0CB73
Species	Pongo abelii (Sumatran orangutan)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for NDUFB1 recombinant protein	MBS1252529 is a recombinant protein targeting NDUFB1. Also known as Recombinant Pongo abelii NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 1 (NDUFB1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of NDUFB1 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 NDUFB1. It may not necessarily be applicable to this product.

NCBI GI #	197097832
NCBI GeneID	100173590
NCBI Accession #	NP_001126594.1
UniProt Primary Accession #	P0CB73
UniProt Secondary Accession #	Q0MQC4; Q5R683
UniProt Related Accession #	P0CB73

GenBank Nucleotide #	NM_001133122.1
NCBI Official Full Name	NADH dehydrogenase
NCBI Official Symbol	NDUFB1
UniProt Protein Name	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 1
UniProt Synonym Protein Names	Complex I-MNLL; CI-MNLL; NADH-ubiquinone oxidoreductase MNLL subunit
Protein Family	NADH dehydrogenase
UniProt Gene Name	NDUFB1
UniProt Synonym Gene Names	CI-MNLL
NCBI Protein Information	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 1
UniProt Comments for NDUFB1	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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