

NADH Dehydrogenase 1 (ND1) Recombinant Protein | ND1 recombinant protein

Recombinant NADH Dehydrogenase 1 (ND1)

CATALOG # AAA152245	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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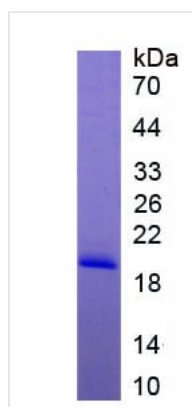
PRODUCT SYNONYMS

NADH Dehydrogenase 1 (ND1); Recombinant NADH Dehydrogenase 1 (ND1); ND1/NADH Dehydrogenase 1; MT-ND1; MTND1; NAD1; NADH-ubiquinone oxidoreductase chain 1; Mitochondrially Encoded NADH Dehydrogenase 1; ND1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. Freeze-dried powder
Sequence	Ala122~His 171
Applicable Applications for ND1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Mouse
Isoelectric Point	6.2
Tag	Two N-terminal Tags, His-tag and SUMO-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Subcellular Location	Mitochondrion
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



Sequence

ASNSKYSLF GALRAVAQTI SYEVTMAIL
LSVLLMNGSY SLQTLITTQE H

SDS-PAGE
SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for ND1 recombinant protein	Enzyme & Kinase; Prokaryotic Recombinant proteins/RP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	34538598
NCBI GeneID	17716
NCBI Accession #	NP_904328.1
NCBI GenBank Nucleotide #	NC_005089.1
UniProt Accession #	P03888; Q9G0S6
Molecular Weight	36,059 Da
NCBI Official Full Name	NADH dehydrogenase subunit 1 (mitochondrion)
NCBI Official Synonym Full Names	NADH dehydrogenase 1, mitochondrial
NCBI Official Symbol	mt-Nd1
NCBI Official Synonym Symbols	ND1
NCBI Protein Information	NADH dehydrogenase subunit 1
UniProt Protein Name	NADH-ubiquinone oxidoreductase chain 1
UniProt Gene Name	Mtnd1
UniProt Synonym Gene Names	mt-Nd1; Nd1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mtnd1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/152245>