

NADH Dehydrogenase 1 Recombinant Protein | ND1 recombinant protein

Recombinant NADH Dehydrogenase 1 (ND1)

CATALOG # AAA144249	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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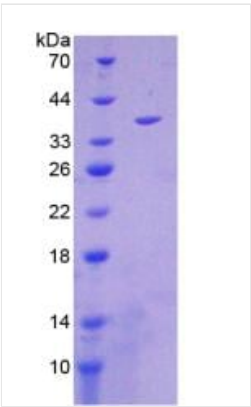
PRODUCT SYNONYMS

NADH Dehydrogenase 1; Recombinant NADH Dehydrogenase 1 (ND1); ND1 recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Concentration	6.7 (varies by lot)
Sequence	The target protein is fused with two N-terminal Tags, His-tag and GST-tag, its sequence is listed below. MSPILGY WKIKGLVQPT RLLLEYLEEK YEEHLYERDE GDKWRNKKFE LGLEFPNLPY YIDGDVKLTQ SMAIIRYIAD KHNMLGGCPK ERAEISMLEG AVLDIRYGVSR IAYSKDFET LKVDFLSKLP EMLKMFEDRL CHKTYLNGDH VTHPDFMLYD ALDVVLYMDP MCLDAFPKLV CFKKRIEAIQ QIDKYLKSSK YIAWPLQGWW ATFGGGDHPP KSDGSTSGSG HHHHHHSAGL VPRGSTAIGM KETAAAKFER QHMDSPDLGT LEVLFQGPLG SEF-FLMLTE RKILGYMQLR KGPNVVGPYG LLQPFADAMK LFTKEPLKPA TSTITLYITA PTLALTIAL
Sequence Length	315
Applicable Applications for ND1 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	39.3kDa
Accurate Molecular Mass (KD)	37kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and GST-tag
Organism Species	Homo sapiens (Human)
Fragment	Phe19-Leu84
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

FL MLTERKILGY MQLRKGNVV GPYGLLPFA
DAMKLFTKEP LKPATSTITL YITAPTLALT IALL

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	38678039
Molecular Weight	36,941 Da
NCBI Official Full Name	NADH dehydrogenase 1 (mitochondrion)
UniProt Protein Name	NADH-ubiquinone oxidoreductase chain 1
UniProt Gene Name	ND1
UniProt Entry Name	Q76LN7_9ACAR

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/nd1-recombinant-protein-host-e-coli-br-source-prokaryotic-expression-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144249>