

NADH Dehydrogenase Recombinant Protein | NQO1 recombinant protein

Recombinant NADH Dehydrogenase, Quinone 1 (NQO1)

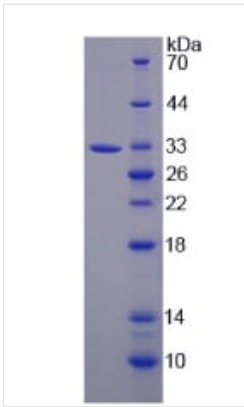
CATALOG # AAA144504	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

NADH Dehydrogenase; Recombinant NADH Dehydrogenase; Quinone 1 (NQO1); NQO1 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.
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag. The sequence is listed below. VGRRALIV LAHSERTSFN YAMKEAAAAA LKKKGWEVVE SDLYAMNFPN IISRKDITGK LKDPANFQYP AESVLAYKEG HLSPDIVAEQ KKLEAADLVI FQFPLQWFGV PAILKGWFER VFGEFAYTY AAMYDKGPFR SKKAVLSITT GGSGSMYSLQ GIHGDMNVIL WPIQSGILHF CGFQVLEPQL TYSIGHTPAD ARIQILEGWK KRLENIWDET PLYFAPSSLF DLNFQAGFLM KKEVQDEEKN KKFGLSVGHH LGKSIPTDNQ IKARK
Sequence Length	465
Applicable Applications for NQO1 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	34.4kDa
Accurate Molecular Mass (KD)	32kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and S-tag
Organism Species	Homo sapiens (Human)
Fragment	Val2-Lys274
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.



Sequence

VGRRALIVL AHSERTSFNY AMKEAAAAAL KKKGWEVVES DLYAMFNPI
ISRKIDITGKL KDPANFQYPA ESVLAYKEGH LSPDIVAEQK KLEAADLVIF
QFPLQWFGVP AILKGWFERV FIGEFAYTYA AMYDKGPFERS KKAIVLSITTG
GSGSMYSLQG IHGDMNVILW PIQSGILHFC GFQVLEPQLT YSIGHTPADA
RIQILEGWKK RLENIWDETP LYFAPSSLFD LNFQAGFLMK KEVQDEEKNK
KFGLSVGHHL GKSIPTDNQI KARK

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	32473888
NCBI GeneID	1794983
NCBI Accession #	NP_866882.1
NCBI GenBank Nucleotide #	NC_005027.1
NCBI Official Full Name	NADH dehydrogenase
NCBI Official Symbol	ndh
NCBI Protein Information	NADH dehydrogenase

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.