

Recombinant Human NQO2, His-tagged

Cat. No. NQO2-30451TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human NQO2 with N terminal His tag; 251 amino acids with tag, MWt 28.1 kDa.
Species	Human
Source	E.coli
Description	NQO2 (EC 1.10.99.2) is a flavoprotein that catalyzes the 2-electron reduction of various quinones, redox dyes, and the vitamin K menadione. NQO2 predominantly uses dihydronicotinamide riboside (NRH) as the electron donor (summary by Wu et al.
Conjugation	HIS
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Glycerol, 20mM Tris HCl, 1mM DTT, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MAGKKVLIVY AHQEPKSFNG SLKNVAVDEL SRQGCTVTVS DLYAMNFEPR ATDKDITGTL SNPEVFNYGV ETHEAYKQRS

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LASDITDEQK KVREADLVIF QFPLYWFSVP AILKGWMDRV LCQGFAFDIP
 GFYDSGLLQG KLALLSVTTG GTAEMYTKTG VNGDSRYFLW PLQHGTLLHFC
 GFKVLAPQIS FAPEIASEEE RKG MVAAWSQ RLQTIWKEEP IPCTAHWHFG Q

Full Length Full L.

GENE INFORMATION

Gene Name NQO2 NAD(P)H dehydrogenase, quinone 2 [Homo sapiens]

Official Symbol NQO2

Synonyms NQO2; NAD(P)H dehydrogenase, quinone 2; NAD(P)H menadione oxidoreductase 2, dioxin inducible , NMOR2; ribosyldihydronicotinamide dehydrogenase [quinone]; DHQV; DIA6; QR2;

Gene ID 4835

mRNA Refseq NM_000904

Protein Refseq NP_000895

MIM 160998

Uniprot ID P16083

Chromosome Location 6pter-q12

Function NADPH dehydrogenase (quinone) activity; coenzyme binding; dihydronicotinamide riboside quinone reductase activity; electron carrier activity; electron carrier activity;

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