

## Recombinant Human NQO2, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human NQO2 with N terminal His tag; 251 amino acids with tag, MWt 28.1 kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Conjugation</b>	HIS
<b>Form</b>	Liquid
<b>Purity</b>	>95% by SDS-PAGE
<b>Storage buffer</b>	Preservative: None Constituents: 10% Glycerol, 20mM Tris HCl, 1mM DTT, pH 8.0
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Sequences of amino acids</b>	MGSSHHHHHH SSGLVPRGSH MAGKKVLIVY AHQEPKSFNG SLKNVAVDEL SRQGCTVTVS DLYAMNFEPR ATDKDITGTL SNPEVFNYGV ETHEAYKQRS

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LASDITDEQK KVREADLVIF QFPLYWFSVP AILKGWMDRV LCQGFAFDIP  
 GFYDSGLLQG KLALLSVTTG GTAEMYTKTG VNGDSRYFLW PLQHGTLHFC  
 GFKVLAPQIS FAPEIASEEE RKGMVAAWSQ 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; ribosyldihyronicotinamide 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; dihyronicotinamide riboside quinone reductase activity; electron carrier activity; electron carrier activity;

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