

Recombinant Human NQO1, GST-tagged

Cat. No. NQO1-1352H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NQO1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-274aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	NQO1 NAD(P)H dehydrogenase, quinone 1 [Homo sapiens]
Official Symbol	NQO1
Synonyms	NQO1; NAD(P)H dehydrogenase, quinone 1; DIA4, diaphorase (NADH/NADPH) (cytochrome b 5 reductase) , NMOR1; NAD(P)H dehydrogenase [quinone] 1; DHQU; DTD; QR1; azoreductase; diaphorase-4; DT-diaphorase; dioxin-inducible 1; menadione reductase; quinone reductase 1; phylloquinone reductase;

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NAD(P)H:quinone oxidoreductase; NAD(P)H:quinone oxidoreductase 1;
 NAD(P)H:menadione oxidoreductase 1; NAD(P)H:Quinone acceptor oxidoreductase
 type 1; diaphorase (NADH/NADPH) (cytochrome b-5 reductase); DIA4; NMOR1;
 NMORI;

Gene ID [1728](#)

mRNA Refseq [NM_000903](#)

Protein Refseq [NP_000894](#)

UniProt ID [P15559](#)

**Chromosome
Location** 16q12-q22

Pathway Keap1-Nrf2 Pathway, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of amino acids and derivatives, organism-specific biosystem; Oxidative Stress, organism-specific biosystem; Regulation of ornithine decarboxylase (ODC), organism-specific biosystem;

Function NAD(P)H dehydrogenase (quinone) activity; coenzyme binding; cytochrome-b5 reductase activity; electron carrier activity; oxidoreductase activity; protein binding;

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