Recombinant Human NQO1 Protein

Cat. No. NQO1-136H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NQO1 protein was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-274
Form	50mM Tris-HCl, pH 7.5, 125mM NaCl, 10% glycerol, 1mM TCEP
Molecular Mass	31.0 kDa
Storage	Store at -80°C. Thaw quickly and store on ice before use. Avoid repeated freezing and thawing cycles.

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 oxireductase; 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
MIM	
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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