

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; phyloquinone reductase;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



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](#)

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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