

Recombinant Rat Nqo1 protein, His/sumo-tagged

Cat. No. Nqo1-723R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Nqo1(2-274 aa) fused with His/sumo tag at N-terminal was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	2-274 aa
Form	Tris-based buffer,50% glycerol
AA Sequence	AVRRALIVL AHAERTSFNY AMKEAAVEAL KKKGWEEVES DLYAMNFNPL ISRNDITGEP KDSNFQYPV ESSLAYKEGR LSPDIVAEQK KLEAADLVIF QFPLYWFGVP AILKGWFERV LVAGFAYTYA TMYDKGPFQN KKTLLSITTG GSGSMYSLQG VHGD MNVILW PIQSGILRFC GFQVLEPQLV YSIGHTPPDA RVQVLEGWKK RLETVWEESP LYFAPSSLFD LNFQAGFLK KEVQEEQKKN KFGLSVGHHL GKSIPADNQI KARK
Purity	>90% (SDS-PAGE)
Storage	Store at -20 centigrade, for extended storage, conserve at -20 centigrade or -80 centigrade. Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

GENE INFORMATION

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Gene Name	Nqo1 NAD(P)H dehydrogenase, quinone 1 [Rattus norvegicus]
Official Symbol	Nqo1
Synonyms	NQO1; NAD(P)H dehydrogenase, quinone 1; NAD(P)H dehydrogenase [quinone] 1; DTD; QR1; azoreductase; DT-diaphorase; menadione reductase; quinone reductase 1; Diaphorase (NADH/NADPH); phyloquinone reductase; NAD(P)H:menadione oxidoreductase; NAD(P)H:quinone oxidoreductase 1; Dia4; MGC93075;
Gene ID	24314
mRNA Refseq	NM_017000
Protein Refseq	NP_058696
MIM	
UniProt ID	P05982
Chromosome Location	19q12
Pathway	Keap1-Nrf2, 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; NAD(P)H dehydrogenase (quinone) activity; coenzyme binding; electron carrier activity; oxidoreductase activity; superoxide dismutase activity;

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