Recombinant Mouse Nqo1 Protein, Myc/DDK-tagged

Cat. No. Nqo1-4482M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length NAD(P)H dehydrogenase, quinone 1 (Nqo1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The enzyme apparently serves as a quinone reductase in connection with conjugation reactions of hydroquinons involved in detoxification pathways as well as in biosynthetic processes such as the vitamin K-dependent gamma-carboxylation of glutamate residues in prothrombin synthesis.
Molecular Mass	31.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Nqo1 NAD(P)H dehydrogenase, quinone 1 [Mus musculus (house mouse)]
Official Symbol	Nqo1
Synonyms	NQO1; NAD(P)H dehydrogenase, quinone 1; NAD(P)H dehydrogenase [quinone] 1; azoreductase; DT-diaphorase; menadione reductase; quinone reductase 1; phylloquinone reductase; diaphorase 4 (NADH/NADPH); NAD(P)H dehydrogenase (quinone); NAD(P)H:quinone oxidoreductase 1; NAD(P)H menadione oxidoreductase 1, dioxin inducible; Dtd; Ox1; Qr1; Dia4; Nmo1; Ox-1; Nmo-1; Nmor1; AV001255
Gene ID	18104
mRNA Refseq	NM_008706
Protein Refseq	NP_032732
UniProt ID	Q64669

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