

Recombinant Mouse Nqo2 Protein, Myc/DDK-tagged

Cat. No. Nqo2-4483M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length N-ribosylidihyronicotinamide quinone reductase 2 (Nqo2), 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 hydroquinones 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	26.2 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	Nqo2 N-ribosyldihydrionicotinamide quinone reductase 2 [Mus musculus (house mouse)]
Official Symbol	Nqo2
Synonyms	NQO2; NAD(P)H dehydrogenase, quinone 2; ribosyldihydrionicotinamide dehydrogenase [quinone]; QR2; quinone reductase 2; NRH: quinone oxidoreductase; NRH:quinone oxidoreductase 2; NRH dehydrogenase [quinone] 2; ribosyldihydrionicotinamide dehydrogenase; NAD(P)H menadione oxidoreductase 2, dioxin inducible; Ox2; NMO2; Nmor2
Gene ID	18105
mRNA Refseq	NM_001163242
Protein Refseq	NP_001156714
UniProt ID	Q9JI75

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