

Recombinant Mouse Nqo1 protein, His-SUMO-tagged

Cat. No. Nqo1-4512M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Nqo1 protein(Q64669)(2-274aa), fused to N-terminal His-SUMO tag, was expressed in E. coli
Species	Mouse
Source	E.coli
ProteinLength	2-274aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	43.8 kDa
AA Sequence	AARRALIVLAHSEKTSFNHYAMKEAAVEALKKRGWEVLESDLYAMNFNPIISRNDITGE LKDSKNFQYPSESSLAYKEGRLSPDIVAEHKKLEAADLVIFQFPLQWFGVPAILKGWF ERVLVAGFAYTYAAMYDNGPFQNKKTLLSITTGGSGSMYSLQGVHGD MNVILWPIQ SGILRFCGFQVLEPQLVYSIGHTPPDARMQILEGWKKRLETVWEETPLYFAPSSLFD LNFQAGFLMKKEVQEEQKKNKFGLSVGHHLGKSIPADNQIKARK
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name

Nqo1 NAD(P)H dehydrogenase, quinone 1 [*Mus musculus*]

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; phyloquinone 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

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