

## Recombinant Mouse Nqo1 protein, His-SUMO-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Nqo1 protein(Q64669)(2-274aa), fused to N-terminal His-SUMO tag, was expressed in E. coli
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	2-274aa
<b>Form</b>	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.
<b>Molecular Mass</b>	43.8 kDa
<b>AA Sequence</b>	AARRALIVLAHSEKTSFNAMKEAAVEALKKRGWEVLESDLYAMNFNPIISRNDITGE LKDSKNFQYPSESSLAYKEGRLSPDIVAEHKKLEAADLVIFQFPLQWFGVPAILKGWF ERVLVAGFAYTYAAMYDNGPFQNKKTLLSITGGSGSMYSLQGVHGD MNVILWPIQ SGILRFCGFQVLEPQLVYSIGHTPPDARMQILEGWKKRLETVWEETPLYFAPSSLFD LNFQAGFLMKKEVQEEQKKNKFGLSVGHHLGKSIPADNQIKARK
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Storage</b>	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; 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

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