

## Recombinant Mouse Nqo1 protein, His & T7-tagged

Cat. No. Nqo1-1919M    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Nqo1 aa. (Ala2~Lys274 (Accession # Q64669)) fused with N-terminal His & T7 tag was produced in E. coli cells.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ala2~Lys274
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 34.5kDa
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at

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-80°C for 12 months.

**Storage buffer** Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

**Reconstitution** Reconstitute in sterile PBS, pH7.2-pH7.4.

**Isoelectric Point** 8.8

## 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; Dtd; Ox1; Qr1; Dia4; Nmo1; Ox-1; Nmo-1; Nmor1; AV001255; NAD(P)H dehydrogenase [quinone] 1; DT-diaphorase; NAD(P)H dehydrogenase (quinone); NAD(P)H menadione oxidoreductase 1, dioxin inducible; NAD(P)H:quinone oxidoreductase 1; azoreductase; diaphorase 4 (NADH/NADPH); menadione reductase; phyloquinone reductase; quinone reductase 1

**Gene ID** [18104](#)

**mRNA Refseq** [NM\\_008706.5](#)

**Protein Refseq** [NP\\_032732.3](#)

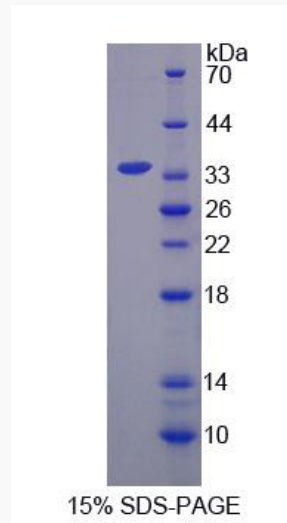
**UniProt ID** [Q64669](#)

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**SDS-PAGE**



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