

# Human NQO1 Recombinant Protein



RPPB2034

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## Product Information    Protein Information

**Product SKU:**

RPPB2034

**Accession:**

P15559

**Host:**

Escherichia Coli.

**Protein description:**

NQO1 Human Recombinant fused with a 20 amino acids His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 294 amino acids (1-274 a.a.) and having a molecular mass of 33kDa. The NQO1 is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

NAD(P)H dehydrogenase (quinone) 1, Quinone reductase 1, QR1, NAD(P)H:quinone oxidoreductase 1, DT-diaphorase, DTD, Azoreductase, Phylloquinone reductase, Menadione reductase, NQO1, DIA4, NMOR1, DHQU, NMORI.

**Formulation:**

The NQO1 solution contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 1mM DTT.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SSSLVPRGSH MVGRRALIVL AHSERTSFNY AMKEAAAAAL KKKGWEEVES DLYAMNFNPI  
ISRKIDITGKL KDPANFQYPA ESVLAYKEGH LSPDIVAEQK KLEAADLVIF QFPLQWFGVP AILKGWFERV  
FIGEFAYTYA AMYDKGPFRS KKAVLSITTG GSGSMYSLQG IHGDMNVILW PIQSGILHFC GFQVLEPQLT  
YSIGHTPADA RIQILEGWKK RLENIWDETP LYFAPSSLFD LNFQAGFLMK KEVQDEEKNK KFGLSVGHHL  
GKSIPTDNQI KARK.