

## NAD(P)H Dehydrogenase Quinone 2 Human Recombinant

<b>Item Number</b>	rAP-1013
<b>Synonyms</b>	DHQV, DIA6, QR2, EC 1.10.99.2, NMOR2, NQO2, NRH:quinone oxidoreductase 2, NRH dehydrogenase [quinone] 2, Ribosyldihydronicotinamide dehydrogenase [quinone].
<b>Description</b>	NQO2 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 251amino acids (1-231 a.a.) and having a molecular mass of 28.1 kDa. NQO2 protein is fused to a 20 amino acid His-Tag at N-terminus and purified by standard chromatography.
<b>Uniprot Accession Number</b>	P16083
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MAGKKVLIVY AHQEPKSFNG SLKNVAVDEL SRQGCTVTVS DLYAM-NFEPR ATDKDITGTL SNPEVFNYGV ETHEAYKQRS LASDITDEQK KVREADLVIF QFPLYWFSVP AILKGWMDRV LCQGFAFDIP GFYDSGLLQG KLALLSVTTG GTAEMYTKTG VNGDSRYFLW PLQHGTLLHFC GFKVLAPQIS FAPEIASEEE RKGMVAAWSQ RLQTIWKEEP IPCTAHWHFG Q.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile filtered colorless solution. 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.
<b>Formulation and Purity</b>	NQO2 Human solution (1mg/ml) containing 20mM Tris-HCl pH-8, 1mM DTT & 10% glycerol. Greater than 95% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**