

NAD(P)H Dehydrogenase Quinone 2 Human Recombinant

Item Number	rAP-1013
Synonyms	DHQV, DIA6, QR2, EC 1.10.99.2, NMOR2, NQO2, NRH:quinone oxidoreductase 2, NRH dehydrogenase [quinone] 2, Ribosyldihydronicotinamide dehydrogenase [quinone].
Description	NQO2 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 251 amino 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.
Uniprot Accesion Number	P16083
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MAGKKVLIVY AHQEPKSFNG SLKNVAVDEL SRQGCTVTVS DLYAM- NFEPR ATDKDITGTL SNPEVFNYGV ETHEAYKQRS LASDITDEQK KVREADLVIF QFPLYWFSVP AILKGWMDRV LCQGFAFDIP GFYDSGLLQG KLALLSVTTG GTAEMYTKTG VNGDSRYFLW PLQHGTLLHFC GFKVLAPQIS FAPEIASEEEE RKGMVAWSQ RLQTIWKEEP IPICTAHWHFG Q.
Source	Escherichia Coli.
Physical Appearance and Stability	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.
Formulation and Purity	NQO2 Human solution (1mg/ml) containing 20mM Tris-HCl pH-8, 1mM DTT & 10% glycerol. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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**