

## NADH Dehydrogenase Flavoprotein 2 Human Recombinant

<b>Item Number</b>	rAP-1042
<b>Synonyms</b>	NADH dehydrogenase [ubiquinone] flavoprotein 2, CI-24k, NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial, NADH-ubiquinone oxidoreductase 24 kDa subunit, NDUFV2.
<b>Description</b>	NDUFV2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 240 amino acids (33-249 a.a) and having a molecular mass of 26.1kDa. NDUFV2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P19404
<b>Amino Acid Sequence</b>	MGSSHHHHH SSGLVPRGSH MSGAGGALF VHRDTPENNP DTPFDFTPEN YKRIEAIKVN YPEGHKAAV LPVLDLAQRQ NGWLPISAMN KVAEVLQVPP MRVYEVATFY TMYNRKPVGK YHIQVCTTTP CMLRNSDSL EAIQKKLGIK VGETTPDKLF TLIEVECLGA CVNAPMVQIN DNYIEDLTAK DIEEIIDELK AGKIPKPGPR SGRFSCEPAG GLTSLTEPPK GPGFGVQAGL.
<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>	NDUFV2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT. Greater than 90.0% 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**