

NADH Dehydrogenase Flavoprotein 3 Human Recombinant

Item Number	rAP-1043
Synonyms	NADH Dehydrogenase (Ubiquinone) Flavoprotein 3 10kDa, Renal Carcinoma Antigen NY-REN-4, NADH-Ubiquinone Oxidoreductase 9 KDa Subunit, EC 1.6.5.311, CI-10k, Complex I 10kDa
Description	NDUFV3 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 97 amino acids (35-108) and having a molecular mass of 10.8kDa. NDUFV3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P56181
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSSAESGKS EKGQPQNSKK QSPPKKPAPV PAEPFDNTTY KNLQHHDYST YTFDLNLEL SKFRMPQPSS GRESPRH
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear 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	The NDUFV3 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 2mM DTT, 2mM EDTA and 50% glycerol. Greater than 85.0% 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**