

32-2600: NDUFV3 Recombinant Protein

Alternative Name : 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

Source : Escherichia Coli. 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. NDUFV3 is one of no less than 41 subunits which form the NADH-ubiquinone oxidoreductase complex that is involved in the mitochondrial respiratory chain and assists in catalyzing the rotenone-sensitive oxidation of NADH and the reduction of ubiquinone. NDUFV3 is 1 of 3 proteins found in the flavoprotein fraction of the complex but its exact function is unknown. Two transcript variants encoding altered isoforms are known for this gene.

Product Info

Amount : 20 µg
Purification : Greater than 85.0% as determined by SDS-PAGE.
Content : The NDUFV3 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 2mM DTT, 2mM EDTA and 50% glycerol.
Storage condition : 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 : MGSSHHHHHH SGLVPRGSH MGSSAESGKS EKGQPQNSKK QSPPKKPAPV PAEPFDNTTY
KNLQHHDYST YTFDLNLEL SKFRMPQPSS GRESPRH