

Histidine NADH Dehydrogenase Fe-S Protein 4 Human Recombinant

Item Number	rAP-1001
Synonyms	AQDQ, NDUFS4, NADH dehydrogenase [ubiquinone] iron-sulfur protein 4 mitochondrial, NADH-ubiquinone oxidoreductase 18 kDa subunit, Complex I-18 kDa, Cl-18 kDa, Complex I-AQDQ, Cl-AQDQ.
Description	NDUFS4 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 134 amino acids (43-175 a.a.) and having a molecular mass of 15.5 kDa. The NDUFS4 is purified by proprietary chromatographic techniques.
Uniprot Accesion Number	O43181
Amino Acid Sequence	MAQDQTQDTQ LITVDEKLDI TTLTGVPEEH IKTRKVRIFV PARNNMQSGV NNTKKWKMEF DTRER-WENPL MGWASTADPL SNMVLTFSTK EDAVSFAEKN GWSYDIEERK VPKPDKSYG ANFSWNKRTR VSTK.
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). Please prevent freeze-thaw cycles.
Formulation and Purity	The NDUFS4 solution contains 20mM Tris pH-8 & 30% glycerol. Greater than 90.0% 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**