

Histidine NADH Dehydrogenase Fe-S Protein 5 Human Recombinant

Item Number	rAP-1044
Synonyms	CI-15k, CI15K, NADH dehydrogenase [ubiquinone] iron-sulfur protein 5, Complex I-15 kDa, NADH-ubiquinone oxidoreductase 15 kDa subunit, CI-15 kDa, NDUFS5.
Description	NDUFS5 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 129 amino acids (1-106a.a) and having a molecular mass of 14.9kDa. NDUFS5 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	O43920
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMPLFDIQ KRFGNIDRW LTIQSGEQPY KMAGRCHAFE KEWIECAHGI GYTRAEKECK IEYDDFVECL LRQKTMRRAG TIRKQRDKLI KEGKYTPPPH HIGKGEP RP.
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	The NDUFS5 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea. Greater than 85% 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**