

Histidine NADH Dehydrogenase Fe-S Protein 3 Human Recombinant

Item Number	rAP-1036
Synonyms	CI-30, NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondria, Complex I-30kD, CI-30kD, NADH-ubiquinone oxidoreductase 30 kDa subunit.
Description	Recombinant Human NDUFS3 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 249 amino acids (37-264 a.a.) and having a molecular mass of 28.7 kDa. NDUFS3 is fused to a 21 amino acid His Tag at N-terminus and purified by conventional chromatography techniques.
Uniprot Accession Number	O75489
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MESAGADTRP TVRPRNDVAH KQLSAFGEYV AEILPKYVQQ VQVSCFNELE VCIHPDGVIP VLTFLRDHTN AQFKSLVDLT AVDVPTRQNR FEIVYNLLSL RFNSRIRVKT YTDELTPIES AVSVFKAANW YEREIWD MFG VFFANHPDLR RILTDYGFEG HPFRKDFPLS GYVEL- RYDDE VKRVVAEPVE LAQEFRKFDL NSPWEAFPVY RQPPESLKLE AGDKKPKDAK
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 NDUFS3 protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT. 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**