

NADH Dehydrogenase 1 Alpha Subcomplex, Assembly Factor 1 Human

Item Number	rAP-1035
Synonyms	Complex I intermediate-associated protein 30, mitochondrial, NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 1, NDUFAF1, CIA30, CGI-65, CGI65.
Description	NDUFAF1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 326 amino acids (25-327) and having a molecular mass of 37kDa. NDUFAF1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9Y375
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAAAAAS RGVGAKLGLR EIRIHL CQRS PGSQGVRDFI EKRYV-ELKKA NPDLPILIRE CSDVQPKLWA RYAFGQETNV PLNNFSADQV TRALENVLSG KA.
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 NDUFAF1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT. 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**