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32-2589: NDUFAF1 Recombinant Protein

Alternative Name : Complex I intermediate-associated protein 30,mitochondrial,NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 1,NDUFAF1,CIA30,CGI-65,CGI65.

Description

Source : Escherichia Coli. 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. NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 4 (NDUFAF4) is involved in the compilation of mitochondrial NADH: ubiquinone oxidoreductase complex (complex I). In addition, NDUFAF4 is involved in cell proliferation and survival of hormone-dependent tumor cells. NDUFAF4 may also be a regulator of breast tumor cell invasion. NDUFAF4 gene mutations cause the mitochondrial complex I deficiency.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The NDUFAF1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.
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 SSGLVPRGSH MGSMAAAAAS RGVGAKLGLR EIRIHLCQRS PGSQGVRDFI EKRYVELKKA NPDLPILIRE CSDVQPKLWA RYAFGQETNV PLNNFSADQV TRALENVLSG KA.

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