

Recombinant Human NDUFAF4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NDUFAF4-5461H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NDUFAF4 MS Standard C13 and N15-labeled recombinant protein (NP_054884) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	NADH:ubiquinone oxidoreductase (complex I) catalyzes the transfer of electrons from NADH to ubiquinone (coenzyme Q) in the first step of the mitochondrial respiratory chain, resulting in the translocation of protons across the inner mitochondrial membrane. This gene encodes a complex I assembly factor. Mutations in this gene are a cause of mitochondrial complex I deficiency.
Molecular Mass	20.3 kDa
AA Sequence	MGALVIRGIRNFNLENRAEREISKMKPSVAPRHPSTNSLLREQISLYPEVKGEIARKD EKLLSFLKDVYVDSKDPVSSLQVCAAETCQEPKEFRLPKDHHFDMINIKSIPKGGKISIV EALTLNHNHKLFPETWTAEKIMQEYQLEQKDVNSLLKYFVTFEVEIFPPEDKKAIRSK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

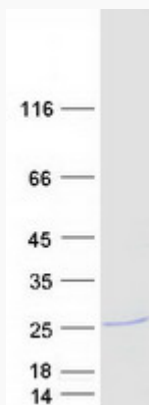
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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	NDUF4F4 NADH:ubiquinone oxidoreductase complex assembly factor 4 [Homo sapiens (human)]
Official Symbol	NDUF4F4
Synonyms	NDUF4F4; NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 4; C6orf66, chromosome 6 open reading frame 66; NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 4; bA22L21.1; HRPAP20; HSPC125; My013; hormone-regulated proliferation-associated protein, 20 kDa; hormone-regulated proliferation-associated protein of 20 kDa; C6orf66;
Gene ID	29078
mRNA Refseq	NM_014165
Protein Refseq	NP_054884
MIM	611776
UniProt ID	Q9P032

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SDS-PAGE

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