

## Product datasheet for **TP308120**

### NDUFAF4 (NM\_014165) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 4 (NDUFAF4), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208120 protein sequence Red=Cloning site Green=Tags(s)

MGALVIRGIRNFNLENRAEREISKMKPSVAPRHPSTNSLLREQISLYPEVKGEIARKDEKLLSFLKDVVY  
DSKDPVSSLQVKAETCQEPKEFRLPKDHHFDMINIKSIPKGGKISIVEALTLNHNHKLFPETWTAEKIMQ  
EYQLEQKDVNSLLKYFVTFEVEIFPPEDKKAIRSK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	20.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_054884</a>
Locus ID:	29078
UniProt ID:	<a href="#">Q9P032</a>



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RefSeq Size: 2411

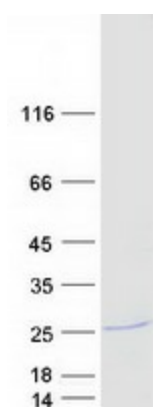
Cytogenetics: 6q16.1

RefSeq ORF: 525

Synonyms: bA22L21.1; C6orf66; HRPAP20; HSPC125; MC1DN15; My013

**Summary:** 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. [provided by RefSeq, Oct 2009]

### Product images:



Coomassie blue staining of purified NDUFAF4 protein (Cat# TP308120). The protein was produced from HEK293T cells transfected with NDUFAF4 cDNA clone (Cat# [RC208120]) using MegaTran 2.0 (Cat# [TT210002]).