

## Product datasheet for PH308120

### NDUFAF4 (NM\_014165) Human Mass Spec Standard

#### Product data:

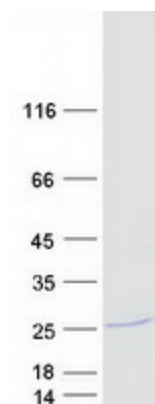
Product Type:	Mass Spec Standards
Description:	NDUFAF4 MS Standard C13 and N15-labeled recombinant protein (NP_054884)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208120
Predicted MW:	20.3 kDa
Protein Sequence:	<p>&gt;RC208120 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MGALVIRGIRNFLENRAEREISKMKPSVAPRHPSTNSLLREQISLYPEVKGEIARKDEKLLSFLKDYYV            DSKDPVSSLQVKAETCQEPKEFRLPKDHHFDMINIKSIPKGI SIVEALTLLNNHKLFPETWTAEKIMQ            EYQLEQKQDVNSLLKYFVTFEVEIFPPEDKKAIRSK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_054884</a>
RefSeq Size:	2411
RefSeq ORF:	525
Synonyms:	bA22L21.1; C6orf66; HRPAP20; HSPC125; MC1DN15; My013
Locus ID:	29078
UniProt ID:	<a href="#">Q9P032</a>


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**Cytogenetics:** 6q16.1

**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]).