

## Product datasheet for PH317754

### NDUF3 (NDUFAF3) (NM\_199073) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	NDUFAF3 MS Standard C13 and N15-labeled recombinant protein (NP_951047)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217754
Predicted MW:	20.4 kDa
Protein Sequence:	>RC217754 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MATALALRSLYRARPSLRCPVLPWAPRRGHRLSPADDELYQRTRISLLQREAAQAMYIDSYNSRGFMI NGNRVLGPCALLPHSVVQWNVGSQDITEDSFSLFWLLEPRIEIVVVGTDGDRTERLQSQVLQAMRQRGIA VEVQDTPNACATFNFLCHEGRVTGAALIPPPGGTSLTSLGQAAQ  <b>TR</b> TRPLEQKLISEEDLAANDILDYKDDDDKV
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_951047</a>
RefSeq Size:	1021
RefSeq ORF:	555
Synonyms:	2P1; C3orf60; E3-3; MC1DN18
Locus ID:	25915
UniProt ID:	<a href="#">A4FU71</a>

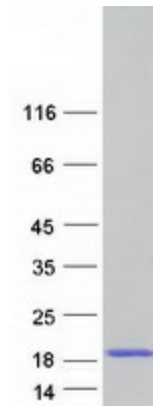


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Cytogenetics: 3p21.31

**Summary:** This gene encodes a mitochondrial complex I assembly protein that interacts with complex I subunits. Mutations in this gene cause mitochondrial complex I deficiency, a fatal neonatal disorder of the oxidative phosphorylation system. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2009]

### Product images:



Coomassie blue staining of purified NDUFAF3 protein (Cat# [TP317754]). The protein was produced from HEK293T cells transfected with NDUFAF3 cDNA clone (Cat# [RC217754]) using MegaTran 2.0 (Cat# [TT210002]).