

## Product datasheet for **TP318529M**

### NDUF3 (NDUFAF3) (NM\_199417) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 3 open reading frame 60 (C3orf60), transcript variant 5, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218529 representing NM_199417 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MATALALRSLYRARPSLRCPVPELPWAPRRGHRLSPADDELYQRTRISLLQREAAQAMYIDSYNSRGFMI NGNRVLGPCALLPHSVQWNVVGSHQDITEDSFSLFWLLEPRIEIVVGTGDRTERLQSQVLQAMRQRGIA VEVQDTPNACATFNFLCHEGRVTGAALIPPPGGTSLTSLGQAAQ
	<b>TR</b> TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	13.7 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:	<u><a href="#">NP_955449</a></u>
Locus ID:	25915
UniProt ID:	<u><a href="#">Q9BU61</a></u>



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RefSeq Size: 1511

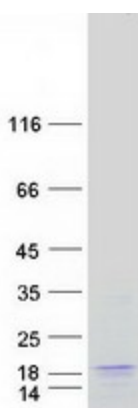
Cytogenetics: 3p21.31

RefSeq ORF: 384

Synonyms: 2P1; C3orf60; DKFZp564J0123; E3-3; MGC10527

**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# [TP318529]). The protein was produced from HEK293T cells transfected with NDUFAF3 cDNA clone (Cat# [RC218529]) using MegaTran 2.0 (Cat# [TT210002]).