

## Product datasheet for **TP317754**

### **NDUF3 (NDUFAF3) (NM\_199073) Human Recombinant Protein**

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Homo sapiens chromosome 3 open reading frame 60 (C3orf60), transcript variant 3, 20 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC217754 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MATALALRSLYRARPSLRCPVPELPWAPRRGHRLSPADDELYQRTRISLLQREAAQAMYIDSYNSRGFMI  
NGNRVLGPCALLPHSVQWNVVGSHQDITEDSFSLFWLLEPRIEIVVGTGDRTERLQSQVLQAMRQRGIA  
VEVQDTPNACATFNFLCHEGRVTGAALIPPPGGTSLTSLGQAAQ

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**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:** [NP\\_951047](#)

**Locus ID:** 25915

**UniProt ID:** [A4FU71](#)



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RefSeq Size: 1021

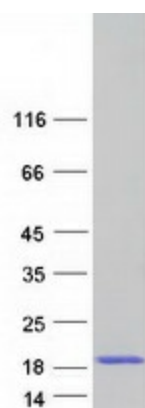
Cytogenetics: 3p21.31

RefSeq ORF: 555

Synonyms: 2P1; C3orf60; E3-3; MC1DN18

**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]).