

## Product datasheet for TP317112L

### C20orf7 (NDUFAF5) (NM\_024120) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 20 open reading frame 7 (C20orf7), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217112 representing NM_024120 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MLRPAGLWRLCRRPWAARVPAENLGRREVTSGVSPRGSTSPRTLNIFDRDLKRKQKNWAARQPEPTKFD Y LKEEVGSRIADRVYDIPRNFPLALDLGCGRGYIAQYLNKETIGKFFQADIAENALKNSSETEIPTVSVLA DEEFLPFKENTFDLVVSSLSLHWVNDLPRALEQIHILKPDGVFIGAMFGGDTLYELRCSLQLAETEREG GFSPHISPFTAVNDLGHLLGRAGFNTLTVDTEIQVNYPGMFELMEDLQGMGESNCAWNRKALLHRDT ML AAAAYREMYRNEDGSVPATYQIYYMIGWKYHESQARPAERGSATVSFGELGKINNLMPPGKKSQ  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	38.7 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.



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RefSeq: [NP\\_077025](#)

Locus ID: 79133

UniProt ID: [Q5TEU4](#)

RefSeq Size: 1650

Cytogenetics: 20p12.1

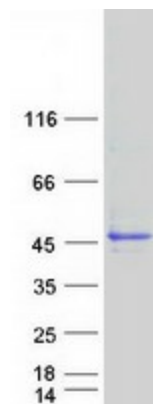
RefSeq ORF: 1035

Synonyms: bA526K24.2; C20orf7; dJ842G6.1; MC1DN16

**Summary:** The NADH-ubiquinone oxidoreductase complex (complex I) of the mitochondrial respiratory chain catalyzes the transfer of electrons from NADH to ubiquinone, and consists of at least 43 subunits. The complex is located in the inner mitochondrial membrane. This gene encodes a mitochondrial protein that is associated with the matrix face of the mitochondrial inner membrane and is required for complex I assembly. A mutation in this gene results in mitochondrial complex I deficiency. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2009]

**Protein Families:** Druggable Genome

## Product images:



Coomassie blue staining of purified NDUFAF5 protein (Cat# [TP317112]). The protein was produced from HEK293T cells transfected with NDUFAF5 cDNA clone (Cat# [RC217112]) using MegaTran 2.0 (Cat# [TT210002]).