

Product datasheet for **TP308533M**

Mitochondrial Translational Initiation Factor 3 (MTIF3) (NM_152912) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human mitochondrial translational initiation factor 3 (MTIF3), nuclear gene encoding mitochondrial protein, 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC208533 protein sequence
Red=Cloning site **Green**=Tags(s)

MAALFLKRLTLQTVKSENSCIRCFGKHILQKTAPAQLSPIASAPRLSFLIHAKAFSTAEDTQNEGKKIKK
NKTAFSNVGRKISQRVIHLFDEKGNLGNMHRANVIRLMDERDLRLVQRNTSTEPAEYQLMTGLQILQER
QRLREMEKANPKTGPTLRKELILSSNIGQHDLDTKTKQIQWIKKKHLVQITIKKGNVDVSENEMEEIF
HQILQTMPIATFSSRPQAVQGGKALMCVLRALSKNEEKAYKETQETQERDTLNKDHGNDKESNVLHQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 31.5 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_690876](#)

Locus ID: 219402



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UniProt ID: [Q9H2K0](#)

RefSeq Size: 1037

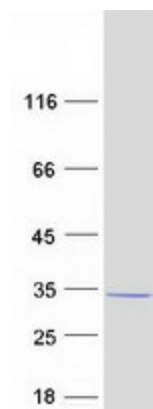
Cytogenetics: 13q12.2

RefSeq ORF: 834

Synonyms: IF3mt

Summary: This gene encodes a translation initiation factor that is involved in mitochondrial protein synthesis. Polymorphism in this gene is associated with the onset of Parkinson's disease. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 5. [provided by RefSeq, Oct 2009]

Product images:



Coomassie blue staining of purified MTIF3 protein (Cat# [TP308533]). The protein was produced from HEK293T cells transfected with MTIF3 cDNA clone (Cat# [RC208533]) using MegaTran 2.0 (Cat# [TT210002]).