

## Product datasheet for **TP308533**

### 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, 20 µg

**Species:** Human

**Expression Host:** HEK293T

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

MAALFLKRLTLQTVKSENSCIRCFGKHILQKTAPAQLSPIASAPRLSFLIHAKAFSTAEDTQNEGKKIKK  
NKTAFSNVGRKISRVIHLFDEKGNLGNMHRANVIRLMDERDLRLVQRNTSTEPAEYQLMTGLQILQER  
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

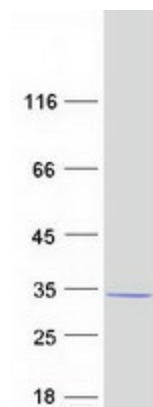
Cytogenetics: 13q12.2

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]).