

Recombinant Human MTIF3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MTIF3-6127H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MTIF3 MS Standard C13 and N15-labeled recombinant protein (NP_690876) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	31.7 kDa
AA Sequence	MAALFLKRLTLQTVKSENSCIRCFGKHILQKTAPAQLSPIASAPRLSFLIHAKAFSTAE DTQNEGKKIKKNKTAFSNVGRKISQRVIHFLFDEKGNDLGNMHRANVIRLMDERDLRL VQRNTSTPEAEYQLMTGLQILQERQLREMEKANPKTGPTLRKELILSSNIGQHDLD TKTKQIQQWIKKKHLVQITIKKGKNVDVSENEEIEFHQILQTMPGIATFSSRPQAVQ GGKALMCVLRALSKNEEKAYKETQETQERDTLNKDHGNDKESNVLHQTRTRPLEQ KLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name MTIF3 mitochondrial translational initiation factor 3 [Homo sapiens (human)]

Official Symbol MTIF3

Synonyms MTIF3; mitochondrial translational initiation factor 3; translation initiation factor IF-3, mitochondrial; IF 3mt; IF3(mt); IF-3(Mt); IF3mt; FLJ33676;

Gene ID 219402

mRNA Refseq NM_152912

Protein Refseq NP_690876

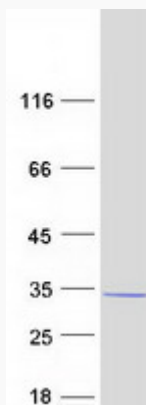
UniProt ID Q9H2K0

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SDS-PAGE



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