

Recombinant Human MTIF3 Protein, GST-tagged

Cat. No. MTIF3-5708H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MTIF3 full-length ORF (NP_690876.2, 1 a.a. - 278 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Oct 2009]
Molecular Mass	58.1 kDa
AA Sequence	MAALFLKRLTLQTVKSENSCIRCFGKHILQKTAPAQLSPIASAPRLSFLIHAKAFSTAE DTQNEGKKIKKNKTAFSNVGRKISQRVIHLEFDEKGNDLGNMHRANVIRLMDERDLRL VQRNTSTPEAEYQLMTGLQILQERQLREMEKANPKTGPTLRKELILSSNIGQHDLD TKTKQIQQWIKKKHLVQITIKKGKNVDVSENEMEEIFHQILQTMPGIATFSSRPQAVQ GGKALMCVLRALSKNEEKAYKETQETQERDTLNKDHGNDKESNVLHQ
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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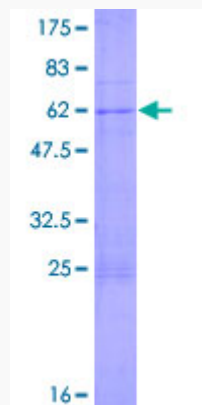
 45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	MTIF3 mitochondrial translational initiation factor 3 [Homo sapiens]
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_001166261
Protein Refseq	NP_001159733
UniProt ID	Q9H2K0

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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