

Recombinant Mouse Mtif3 Protein, Myc/DDK-tagged

Cat. No. Mtif3-4213M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length mitochondrial translational initiation factor 3 (Mtif3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	IF-3 binds to the 28S ribosomal subunit and shifts the equilibrium between 55S ribosomes and their 39S and 28S subunits in favor of the free subunits, thus enhancing the availability of 28S subunits on which protein synthesis initiation begins.
Molecular Mass	31.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Gene Name	Mtif3 mitochondrial translational initiation factor 3 [Mus musculus (house mouse)]
Official Symbol	Mtif3
Synonyms	MTIF3; mitochondrial translational initiation factor 3; translation initiation factor IF-3, mitochondrial; IF3mt; IF-3Mt; IF3(mt); IF-3(Mt); AI414549; 2810012L14Rik
Gene ID	76366
mRNA Refseq	NM_029581
Protein Refseq	NP_083857
UniProt ID	Q9CZD5

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