

Recombinant Mouse Gfm2 Protein, Myc/DDK-tagged

Cat. No. Gfm2-3193M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length G elongation factor, mitochondrial 2 (Gfm2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Mitochondrial GTPase that mediates the disassembly of ribosomes from messenger RNA at the termination of mitochondrial protein biosynthesis. Acts in collaboration with MRRF. GTP hydrolysis follows the ribosome disassembly and probably occurs on the ribosome large subunit. Not involved in the GTP-dependent ribosomal translocation step during translation elongation.
Molecular Mass	85.9 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.

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GENE INFORMATION

Gene Name	Gfm2 G elongation factor, mitochondrial 2 [Mus musculus (house mouse)]
Official Symbol	Gfm2
Synonyms	GFM2; G elongation factor, mitochondrial 2; ribosome-releasing factor 2, mitochondrial; RRF2mt; EF-G2mt; mEF-G 2; elongation factor G 2, mitochondrial; EFG2; MST027; 6530419G12Rik; A930009M04Rik
Gene ID	320806
mRNA Refseq	NM_177266
Protein Refseq	NP_796240
UniProt ID	Q8R2Q4

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