

Recombinant Mouse Ftmt Protein, Myc/DDK-tagged

Cat. No. Ftmt-3100M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ferritin mitochondrial (Ftmt), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Stores iron in a soluble, non-toxic, readily available form. Important for iron homeostasis. Has ferroxidase activity. Iron is taken up in the ferrous form and deposited as ferric hydroxides after oxidation.
Molecular Mass	27.2 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

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Gene Name	Ftmt ferritin mitochondrial [Mus musculus (house mouse)]
Official Symbol	Ftmt
Synonyms	Ftmt; ferritin mitochondrial; MtF; FerH; Fth3; 4930447C24Rik; ferritin, mitochondrial; ferritin H; ferritin heavy chain 3; EC 1.16.3.1
Gene ID	67634
mRNA Refseq	NM_026286
Protein Refseq	NP_080562
UniProt ID	Q9D5H4

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