

Product datasheet for **TP519381**

Ftmt (NM_026286) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ferritin mitochondrial (Ftmt), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR219381 protein sequence Red =Cloning site Green =Tags(s)
	 MLSCFWFFSKHISSALMSLPRVLHRFTAPQCLASRYPLGPLLASPRLLASVASSQDSTRPSRVRQNFHP DSEAAINRQINLELYASYVYLSMAYYFSRDDVALYNFSKYFLRQSLEEREHAEKLMKLQNQRGGRICLQD IKKPKDDWECGLRAMECALLLEKNVNQSLDLHTLASEKGDPHLCDFLETHYLHEQVKSIELGDHVHN LVTMGAPAAAGLAEYLFDKHTLGSESKH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	27.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_080562
Locus ID:	67634
UniProt ID:	Q9D5H4
RefSeq Size:	1461



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Cytogenetics: 18 D1

RefSeq ORF: 714

Synonyms: 4930447C24Rik; FerH; Fth3; MtF

Summary: 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 (By similarity).[UniProtKB/Swiss-Prot Function]