

Product datasheet for TP306669L

Mitochondrial Ferritin (FTMT) (NM_177478) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ferritin mitochondrial (FTMT), nuclear gene encoding mitochondrial protein, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206669 protein sequence Red =Cloning site Green =Tags(s)
	<p>MLSCFRLLSRHISPLASLRPVRCCFALPLRWAPGRPLDPRQIAPRRPLAAAASSRDPTGPAAGPSRVRQ NFHPDSEAAINRQINLELYASYVYLSMAYYFSRDDVALNNFSRYFLHQSRRETEHAEKLMRLQNQRGGRI RLQDIKKPEQDDWESGLHAMECALLLEKNVNQSLLELHALASDKGDPHLCDFLETYYLNEQVKSIELGD HVHNLVKMGAPDAGLAEYLFDTHTLGNENKQN</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	27.4 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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:	<u>NP_803431</u>
Locus ID:	94033



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UniProt ID: [Q8N4E7](#)

RefSeq Size: 894

Cytogenetics: 5q23.1

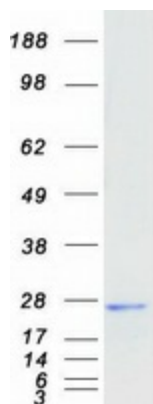
RefSeq ORF: 726

Synonyms: 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.[UniProtKB/Swiss-Prot Function]

Protein Pathways: Porphyrin and chlorophyll metabolism

Product images:



Coomassie blue staining of purified FTMT protein (Cat# [TP306669]). The protein was produced from HEK293T cells transfected with FTMT cDNA clone (Cat# [RC206669]) using MegaTran 2.0 (Cat# [TT210002]).