

Recombinant Human FTMT Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FTMT-5543H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FTMT MS Standard C13 and N15-labeled recombinant protein (NP_803431) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	FTMT (Ferritin Mitochondrial) is a Protein Coding gene. Diseases associated with FTMT include Friedreich Ataxia and Sideroblastic Anemia. Among its related pathways are Ferroptosis. Gene Ontology (GO) annotations related to this gene include ferric iron binding and ferroxidase activity. An important paralog of this gene is FTH1.
Molecular Mass	27.5 kDa
AA Sequence	MLSCFRLLSRHISPSLASLRPVRCCFALPLRWAPGRPLDPRQIAPRRPLAAAASSRD PTGPAAGPSRVRQNFHPDSEAAINRQINLELYASYVYLSMAYYFSRDDVALNNFSRY FLHQSREETEHA EKLMRLQNQRGGRI RLQDIKKPEQDDWESGLHAMECALLLEKNV NQSLLELHALASDKGDPHLCDFLETYYLNEQVKS IKELGDHVHNLVKMGAPDAGLAE YLFDTHTLG NENKQNTTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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

conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name FTMT ferritin mitochondrial [Homo sapiens (human)]

Official Symbol FTMT

Synonyms FTMT; ferritin mitochondrial; MTF; ferritin, mitochondrial; ferritin H subunit; mitochondrial ferritin; EC 1.16.3.1

Gene ID 94033

mRNA Refseq NM_177478

Protein Refseq NP_803431

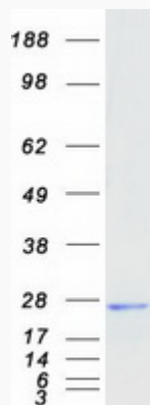
MIM 608847

UniProt ID Q8N4E7

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SDS-PAGE

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