

Recombinant Human FTMT Protein (Leu49-Asn242), His tagged

Cat. No. FTMT-3699H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human FTMT (Leu49-Asn242) protein fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Leu49-Asn242
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	23.69 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.

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Reconstitution Reconstitute in sterile water for a stock solution.

Shipping In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

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

Official Symbol FTMT

Synonyms FTMT; ferritin mitochondrial; MTF;

Gene ID 94033

mRNA Refseq NM_177478

Protein Refseq NP_803431

MIM 608847

UniProt ID Q8N4E7

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