

Product datasheet for **MC210587**

Ftmt (NM_026286) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ftmt (NM_026286) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ftmt
Synonyms:	4930447C24Rik; FerH; Fth3; MtF
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC210587 representing NM_026286 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCTGTCCTGCTTTTGGTTCTTCTCCAAGCACATCAGCTCTGCACTGATGTCCCTGCCCGTGTGTTAC
ACAGATCACTGCCCCACAGTGTGGCTCCAGGTATCCTTTAGGTCCCCTACTGGCCTCCCCTCGAGC
CCTCCTGGCCTCGGTGGCTTCTCTCAGGACTCCACTAGACCTTCCAGGGTCCGCCAGAACTTTCACCCG
GACTCGGAGGCTGCTATCAACCGCAAATCAACCTGGAGCTTTACGCATCCTACGTGTACCTGTCCATGG
CTTACTACTTCTCCAGGGATGATGTGGCCTTGATAAATTCTCCAAGTATTTCTTCGCCAGTCCCTGGA
AGAGAGGGAACATGCAGAGAAGCTAATGAAACTGCAGAACCAGCGAGGAGGCCGGATCTGCCTCCAGGAC
ATCAAGAAGCCAGATAAAGATGACTGGGAATGCGGACTGCGGGCCATGGAATGTGCCCTGCTCCTGGAAA
AGAATGTAACCAGTCGCTGCTGGACTTACATACTCTGGCCTCAGAAAAAGGAGATCCTCATTTGTGTGA
CTTTCTGGAACTCACTACCTGCATGAGCAAGTGAAGTCTATCAAAGAATTAGGTGACCACGTGCACAAC
TTAGTCACCATGGGGCTCCAGCCGCGGCTTAGCGGAATATCTTTTCGACAAGCACACGCTTGGAAAGCG
AGAGCAAGC**ACTAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_026286
Insert Size:	714 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_026286.3 , NP_080562.2
RefSeq Size:	1461 bp
RefSeq ORF:	714 bp
Locus ID:	67634
UniProt ID:	Q9D5H4
Cytogenetics:	18 D1
Gene 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]