

Product datasheet for **RN212868**

Fermt3 (NM_001127543) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fermt3 (NM_001127543) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fermt3
Synonyms:	RGD1310168
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN212868 representing NM_001127543
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGGGATGAAGACAGCCTCCGGAGACTATATCGACTCTTCTGGGAGCTGAGGGTGTTTGTGGGCG
 AGGAAGACCCTGAGGCTCAGTCTGTCACTCCGAGTCACAGGGAGTCCACATTGGTGGGGTGTCTTCT
 GAAGATCGTGGAGGAGATCAATCGCAAGCAGGACTGGTCTGACCATGCCATTTGGTGGGAGCAGAAGAAA
 CAGTGGCTGTACAGACACACTGGACTCTGGACAAGTATGGGATTCTGGCAGATGCCCGCCTCTTCTTTG
 GGCCACAGCACCACCTGTGATCCTGCGACTGCCCAATAGGCGGGTGTGCGCCTCCGTGCCAGCTTCTC
 CAAGCCCCTCTCCAGACTGTGGCTGCCATCTGCCGCCTCTCAGTATCAGGCACCCAGAGGAGCTCTCT
 CTGCTGCGCGCTCCAGAAAAGAAGGAGAAGAAGAAGAAGAGAAGGAGCCTGAGGAAGAGGTGCATGACC
 TGACAAGGGTGTCTAGCCGGCGGTGTGGCCCCACCTATTCCGAGGCATGCCAGCACACTTCTCGGA
 CAGCGCCAGACCAGGCTGTACCACATGCTGAGCCGGCCACAGCCAGCACCTGACCCTCTCCTGCTC
 CAGCGCCTGCCGAGGCCAGCTCCTGTGTTGACAAGACCCAACCTCCACAGCAGGTGGCTGGATTCATCTC
 GGTGCCTCATGCAGCAAGGTATCAAGGCTGGGGACGTGCTTTGGCTGCGATTTAAGTACTACAGTTTTT
 CGACCTGGACCCCAAGACAGACCCGGTACGGCTGACCCAGCTGTATGAGCAGGCACGCTGGGATTTACTG
 ACAGAGGAAATCGACTGTACTGAGGAGGAGATGATGGTGTGCTGCCCTACAGTACCATATCAACAAAAG
 TGACTCTGAGTGGGGATGTGGGTGAGCTGGCCTCTGGGGACCCGGGGCTGGATGACCTGGATGCAGCCTT
 GAACAACCTGGAGGTGAAGCTGAAGGGGTGAGCACCCTCAGACATGCTGGATAGCCTCACCACCATCCCA
 GAACTCAAGGACCATCTCGAATCTTCCGGCCCCGGAAGCTGACCTTGAAGGGCTACCCAGCAGCTGGG
 TGATATCAAGGACACCACACTGCTCTACTATAAGAGCCAAGTGAAGCACCAGGGGACCCATCCAGCA
 GCTCAACCTCAAGGGCTGTGAAGTGGTCCCTGATGTCAATGTCTCTGGCCAGAAGTTCTGCATCAAATC
 CTGGTACCCTCACCAGAGGGCATGAGTGAGATCTACTTGAGATGCCAGGATGAACAGCAGTATGCACAGT
 GGATGGCTGCCTGCCGGCTTGCCTCCAAGGGCCGACCATGGCGGACAGCAGCTATGCCAGTGAGGTGCA
 GGCCATTCTGGCCTTCTCAGCCTGCAGCGGGCAGGCGGTACCAACGGAGGCTCAGGGAACAAACCCAG
 GGTCTTGAAGCCTCTGCTGAGGGCCTTAACCCCTACGGCCTTGTGGCTCCCCGATTCCAGCGAAAGTTCA
 AGGCCAAGCAGCTACCCCCGGATCCTGGAAGCTCACCAGAATGTGGCCCAACTCTCGTGACCGAGGC
 CCAGCTGCGCTTCATCCAGGCCTGGCAATCCCTGCCTGATTTTGGCATCTCTATGTGATAGTCAGTTT
 AAGGGCAGCAGGAAGGATGAGATTCTGGGCATCGCCAACAACCGACTGATCCGAATTGATCTGGCCGTGG
 GTGACGTGGTCAAGACCTGGCGCTTCAAGCAATGCGGCAATGGAACGTCAACTGGGACATACGGCAGGT
 GGCCATTGAGTTCGATGAACATATCAATGTGGCCTTACGCTGTGTGTCTGCTAGCTGCCGCATCGTGAC
 GAGTACATCGGGGGCTACATTTTCTGTCCACTCGAGAGCGGGCCCGAGGGGAGGAGCTGGACGAGGATC
 TGTTCTACAGCTTACTGGAGGGCATGAGGCCTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001127543
- Insert Size:** 1998 bp
- 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:

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_001127543.1](#), [NP_001121015.1](#)

RefSeq Size: 2511 bp

RefSeq ORF: 1998 bp

Locus ID: 309186

Cytogenetics: 1q43