

Product datasheet for **RN214528**

Fermt1 (NM_001106515) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fermt1 (NM_001106515) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fermt1
Synonyms:	RGD1306816
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN214528 representing NM_001106515
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTATCATCTGGTACTTTACATCTGCATCCTGGGAGCTTGTAGTCCGAGTTGACCATGCAAATGAAG
 AGCAGCAGACAGACATCACGCTGAGAGTGTCTGGGGACCTGCATATTGGGGGAGTGATGCTCAAGCTGGT
 GGAACAGATGAACATAGCCCAAGACTGGTCAGACTTTGCTCTGTGGTGGGAACAGAAAGCGCTGCTGGCTT
 CTGAAAACGCACTGGACCCTGGACAAGTGTGGAGTCCAGGCCGACGCAAGCTTCTCTTACCCCTCAGC
 ACAAGATGCTTCGTCTTCGGCTGCCAACACCAGGACAGTGGGCTTCGAGTCAGCTTTTCTGCTGTGGT
 GTTTAAGGCTGTAGTGATATCTGCAAAGTACTGAATATCAGAAGACCAGAAGAACTCTCATTGTTAAAG
 CCTTCTGGTGACTATTGAAAAAGAAAAAGAAGAAAAAGAAAAAATAGTAAAGAGCCAGTGATTGAAGACA
 TCCTGAACCTGGAAAGTCTTCAACAAGCTCGGGTTCGCCAGTAAAGCCCTGGCTTGTACAGTAAGACCAT
 GACACCCACATATGACCCCATCAACGGGACACCAGCCTTATCCACTATGACTTGGTTTGGTGACAGCCCT
 TTGACAGAGCAAACTGCAGTGTCTGGCCTTCAGCCAACCTCCTCCATACCCAGAGGTGCTCGCCGAAA
 TGTTCCAGCCTCGATCTTTGGTTGACAAAGCCAAGATGAATGCAGGCTGGCTGGACTCCTCGAGGTCCTT
 TATGGAGCAAAGCATTCAAGAGGATGAGCAGCTGCTGTTGAGATTTAAATACTACACCTTCTTTGACTTG
 AATCCTAAATATGATGCTGTCCGAATTAACCAACTCTACGAGCAAGCCAGATGGGCTGTTCTCCTGGAGG
 AAATCGACTGCACAGAAGAAGAAATGTTGATCTTTCAGCTCTGCAGTATCACATCAGCAAGCTGTGCTG
 GTGTGCTGAAATACAGGACTTTGCAACCAAGTCCGAGGTTGACGAGGTAGAAGCAGCGTTGTCAAGTTTG
 GAAGTGACCCCTCGAAGGCGGGAAGGCAGACAACACTTTGGAGGACACTACTGACATCCCTAAACTGGCAG
 ATTATCTCAAATTTAAAGCCCAAGAAGCTAATGTTAAAAGCTTCAAGCAACTACTGGTTTGTCTTTAA
 AGACACATCTATAGCCTACTTTAAAAATCAGGAACTCGAACAAGGAGAGCCAATAGAGAAGCTGAACATC
 AGAGGCTGTGAAATTGTGCCAGATGTGAATGTAGCAGGGAGAAAAATTTGGAATCAAGTTACTAATCCCTG
 TTGCTGATGGAATGAATGAAGTGTATTTGAGATGTGACCATGAGGATCAATATGCCCGGTGGATGGCTGC
 GTGCATCTTGGCCTCGAAGGGTAAAACCATGGCAGACAGCTCCTACCAGCCAGAGGTCGTCAGCATCCTT
 TCATTTCTCAAGATGAAAAACCGGAACTCATCACCTCTGGTGGCTTCCAGTCTGGAAGCATGGATATGA
 ACCCGGAGTGCTTAGTATCGCCCCGCTGTGCAAAGAAGCACAAGTCTAACAGCTGGCAGCCCGGATCCT
 GGAAGCTCACCAACGTAGCCAGATGCCTCTGGTCGAAGCCAACTGCAGTTTATCCAGGCATGGCAG
 TCCTTACCGAGTTCGGCCTCACTTACTACCTTGTGAGTTTAAAGGAAGCAAGAAGGATGACATCCTGG
 GAGTTTACATAACAGGCTGATTAGAATGGATGCAGTCACTGGGATACCAGTTACAACGTGGCGATTTC
 CAATATGAAGCAGTGAATGTCAACTGGGAAATCCGGCAGGTGGCAATCGAGTTTGACCAAAATGTCTCC
 ATCGCATTACCTGCCTAAGTGCAGGTTGCAAGATTGTACACGAGTACATTGGTGGCTACATCTTCTCTGT
 CCACCCGATCCAAGGATCAAAATGAAACGCTCGACGAGGACCTCTTTCACAACTGACTGGCGGTGAGGA
 CTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001106515
- Insert Size:** 2034 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_001106515.1](#), [NP_001099985.1](#)

RefSeq Size: 4787 bp

RefSeq ORF: 2034 bp

Locus ID: 296179

Cytogenetics: 3q36