

Product datasheet for **RN204382**

Fermt2 (NM_001011915) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fermt2 (NM_001011915) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fermt2
Synonyms:	Plekhc1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204382 representing NM_001011915
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTCTGGACGGGATAAGGATGCCAGATGGCTGCTACGCGGACGGGACGTGGGAAGTACGCGTCCATG
 TCACCGACCTGAACCGTGATGTCACCCTCAGAGTGACCGGGAGGTGCACATCGGAGGGTGATGCTGAA
 GTTGGTGGAAAACTCGATGTCAAAAAAGATTGGTCTGACCATGCTCTCTGGTGGAAAAAGAAAACT
 TGGCTGCTTAAGACACTGGACCTTGATAAGTATGGCATCCAGGCAGACGCCAAGCTTCAGTTCACCC
 CACAGCACAACTGCTCCGCCTGCAGCTTCCCAACATGAAATATGTGAAGGTGAAAGTGAAGTCTCTGA
 CCGAGTCTTCAAAGCTGTGTCGGACATCTGCAAGACTTCAATATAAGACACCCCTGAAGAAGTCTCTC
 TAAAAAAACCCAGAGATCCACGAAGAAGAAAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAG
 TTAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAG
 AACAAATGACCCCTACTTACGACGCTCAGCATGGAAGCCCTTGTACCAACCTCCGCCTGGTTTGGTGAC
 AGTGCCCTGTGAGAAGGCAATCCCGGGATACTTGTGTGATGACCGCGTAACATCACCGAAATACTGG
 CAAAAATGTTCAAGCCTCAAGCTCTTCTTGATAAAGCAAAAACCAACCAAGGGTGGCTGGATTCTCAAG
 ATCTCTGATGGAGCAAGATGTGAAGGAGAACGAGGCCCTTGTGTGCGATTCAAGTATTACAGCTTTTTC
 GATCTGAATCCAAAGTATGACGCCATCAGAATCAATCAGCTTTACGAGCAGGCCAAGTGGGCTCTCCTCC
 TAGAAGAGATCGAGTGCACGGAAGAAGAGATGATGATGTTGCGCGCCTTCAGTATCATATCAATAAGCT
 GTCAATCATGACATCAGAAAAATTTAAACAACAGTGACAAAGAAGTCGATGAAGTTGACGCCGCCCTT
 TCTGACCTGGAGATCACTTTGGAAGCGGGAAAAACATCAACAATCCTGGGTGACATTACTTCAATCCAG
 AGCTTGTGACTATATTTAAAGTTTTCAAGCCTAAAAAGCTGACTTTAAAGGGTACAAGCAGTACTGGTG
 CACCTTCAAAGACACGTCCATCTCTGTATAAGAGCCGAGAAGAGGCCAGTGGCACACCTGCTCACCAG
 ATGAACCTCAGAGGATGCGAAGTACTCCGGATGTAAACATTTGCGGCCAGAAATTTAACATCAAATCC
 TAATTCGGTTGCAGAGGGCATGAACGAGATCTGGCTTCGCTGTGATAATGAGAAGCAGTATGCGCACTG
 GATGGCGGCCTGCAGACTGGCTTCAAAGGCAAGACCATGGCAGACAGCTTTACAACCTAGAAGTTCAG
 AACATCTCTCCTTCTGAAGATGCAACATCTGAACCCAGATCCTCAGCTTATCCCTGACCAGATCACAA
 CTGACATCAATCCGAGTGCCTGGTGTCCCGAGATACCTAAAAAGTACAAGAACAACAGATAACAGC
 ACGGATCTTGGAGGCCACCAGAACGTAGCGCAGATGAGTCTGATCGAAGCCAAGATGAGATTCATTGAG
 GCGTGGCAGTCTCTGCCGAGTTCGGCATCACACTTTCATCGCCAGATTTCAAGCGCGGCAAGAGAGAAG
 AACTGATTGGAATTGCGTACAATAGATTGATTGCGATGGACGCCAGCACGGGAGACGCCATCAAAACATG
 GCGGTTAGCAATATGAAGCAGTGAATGTCAACTGGGAGATCAAAATGGTCACTGTAGAGTTTGCAGAG
 GAGGTCGGTTGTCTTTCATCTGTACCGAAGTAGACTGCAAGGTGGTCCATGAATTCATTGGTGGCTACA
 TATTTCTCTAACGCGTGCAAAAGACAAAATGAGAGTTTAGATGAGGAGATGTTCTACAAACTCACCAG
 TGTTGGGTG**TGA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001011915

Insert Size: 2043 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:	<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:	<u>NM_001011915.1, NP_001011915.1</u>
RefSeq Size:	3239 bp
RefSeq ORF:	2043 bp
Locus ID:	289992
Cytogenetics:	15p14