

Product datasheet for **RN213812**

Cmtr2 (NM_001106186) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cmtr2 (NM_001106186) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cmtr2
Synonyms:	Ftsjd1; RGD1309394
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213812 representing NM_001106186
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCAAGCGCAGGAAGCGTCCAGCTCAGCAGCCAGCGAGCCCCGAGACCTTCAGCCCAGACGCTCTCA
 ATGCCGTGTCTGAGCTCTTCGCCAAGAAGCTTTTCTACTGTAAGCCACTCGATCAGGAGTGGCAGTTACC
 AGCTCCCGCCGAGAGCTTACCTGCGAGCACGTGAGTTCGAAGCTTTTCTTGTACTTGAAGAAGCTCCCTG
 AACGCAGTGAAAACTCCTGTGCGATAAGGAGCTGGACGGCTGGCACAGGCACACCGCCTTACCAACA
 GGGCGGGCAGATCATCGCCACGTGAGAAAGGCCGTGAACGCAGAACTCTGTACTCAGGCCTGGTGCAA
 GTTCCAGGAGATCTTGTGAGTTTCCACTTATCCCGCAGGAAGCTTTTCAGAGTGAAGACTGAATTCT
 CTGCACCTGTGTGAAGCCCAGGCGCTTTCATAGCCAGCCTCAACCATTACTTAAATCCACCGGTTCC
 CCTGTGAATGGAGCTGGGTAGCAAATAGCCTGAACCCATACCACGAGGCCAACGACAATCTTAGGATGAT
 TACGGACGACCGGCTGATTGCAAACACCTTGCACCGCTGGTACTTCGGCCAGATAACACTGGTGATATC
 ATGACCTGAAGTACCTGACCGGCTTCAAGACTTCTCAGCGGCACATCTCCATTCACTTGGTCACTG
 CTGATGGGAGTTTTGACTGCCAGGGAAACCCAGGCGAACAGGAAGCTTTAGTCTCCCTTTGCATTACTG
 TGAAGCTGTCACTGCTCTGACCACCTTGGAGATGGTGGCTCTTTTGTCTAAAGATGTTACGTTGTTT
 GAACACTGTTCTGTGAACCTCATGTACCTGCTAAATTGTTCCCTTGGACCAAGTTCACGTTTTCAAACCTG
 CTACTAGCAAGGCGGAAACTCAGAAGTCTACGTGGTGTGTCTCTGCTATAAGGGAAGAGAGGCTATTTCG
 TCCTTTGCTATCTAGGATGGTGTGAACCTTGGCACTGAGATGACCAAGAAGGCGCTCTTTCCCATCAT
 GTGATCCCCAAATCCTTTCTTGGCGCACAGAGAGTGTGTACTCTCCATAGATACCAGTTAGAGA
 CTATCTCTGAGAACATTCGCTTTTGGTGCATGGGGACGGGGAGCAAGAGAACTGAATAACTTAAG
 GAACTGTGCTGTACAGCATTTTATGCAAAAAGTTCCAAGTGAAGCCCTTTCTAGAAATCACTGGCTCGTC
 AAAAAATCCACTCTTGGCTGCAGTACAAAACAAAATGTTTCGGACAGAGAAACAAGTATTTTAGAACCT
 ATAACGAACGGAAGATGCTGAAACCTTTTCGTGGAAGGATAAAGTAGCCAGGGGATTCTTCGATAGTTG
 GGCGGAGGAACATGTCGCTATCACCCCGGCAGAGCCCCTCTAGAAGGGAGTCTCCAGCCTCGAG
 TGCCACTTGTGGTGCATTCTAGAAGGCAAGAACTGCCGAAGGTGAAGTGTCTCCTTTCTGTGATAGTG
 AAATTTTAAAGACTCTTAATGAAGCCATTGAGAAGTCTCAGGAGAAGCTTTGAGTGTGGAGTCCAAGGT
 CAGTCCCAAGCAGCAATACCGCTGTTGCCAAATCTTCTCGGAAGAATCGGTGTTATCCGAGTTGCTGAGC
 CTTACCAAGTGCCTTTCAGGAAGAGCAGGGTGTAGAACCAGCAACCCCATCAGGTGCCTGCTTGTGGTT
 CACCCACTGTCCGCGATCTCAAATGTACACGGCCCTGGAAGTCCAGCTTCTGGAGTCCGTCGAACCTAC
 TGCCCTCAGCTGTCACTGCTCCATGACGGTGACCCCGCCTACCAACATTTGTTTTGAATTGCCTGCTA
 CACTCCCTGAAGCAGCTTCACTCGGGAGATGTGATGATTTTGGCCATCCTTCTGCTTCAAGGTTTA
 TGGCTGGCTTACCTTTGCTCCACAGCTGTTTTAGATTTATCACATTCTTGTCCCACATCGTCTGA
 GCCCTCAGGACCTGTGCTGTCTGCTATGCATTGGTTATCAGAACCTTCCAGATCCAGTTTTTCAGTTT
 CTGCAGAACGTTAACGAACCTTGGGCACTTGTCTCCACCCCGGTGCCCCAGCAGGTTTTACAGTTTG
 TACCAATGGAGGTGCTCCTTTCAGGGGACTGCTTGTATTTTTGTGGGATCTGAATGCTGCCATTGCTAA
 AAGGCATTTGCATTTGATTATCCAAGGAGAGAGAGACAAAGTCACTCAGCAGCCTCGAGTTG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001106186
Insert Size: 2304 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_001106186.1</u> , <u>NP_001099656.1</u>
RefSeq Size:	3553 bp
RefSeq ORF:	2304 bp
Locus ID:	292016
Cytogenetics:	19q12