

Product datasheet for **RN206945**

Flvcr2 (NM_199109) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Flvcr2 (NM_199109) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Flvcr2
Synonyms:	MGC124539
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN206945 representing NM_199109
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGTGAATGAAAGTCTCAACCAGGAGGAGCAATGACAGACCTGTGCCAGAGTCCGAATTCAGGCGG
 ACACCAGCTACTCCACCCAGCCAGCGTCTCCATCCACCCAGCGTCTCAGGCCACCCAGTGTCTCCAT
 CCATCCTAGTGTTTCGGGACACCCAGCGTCTCCATCGACCCAGCGTCTCTGTCCATCCAGCAGTTCA
 GCACACCCAGTACCTTGGCTCAACCCAGTGGTTTGACCCATCCTAATGAATTAGTTAAAGAAGACAGCG
 TGATCAAGGTGAGCAAGCGTCGTTGGGCGTGGTCTGGTGTTCAGTTGCTACTCCTTGTGCAACGCCTT
 CCAGTGGATCCAGTATGGCTCGATCAATAACATCTTCATGAACCTCTACGGTGTGAGCGGTTTGCCATC
 GACTGGTGTCCAGTGTACATGCTGACCTACATCCCTCTGCTCCTGCCGTGGCTGGATGCTGGAGA
 AGTTTGGTCTTCGAACCATCGCTATACCGGCTCGGCTCTCAATTGCCTGGGAGCCTGGGTAAAGCTAGG
 CAGCCTAGAGCCTCACCTCTCCCGGTACAATGGTGGTCAAGTGTCTGCTCTGTGGCACAGGTCTTC
 ATCCTGGGCATGCCCTCAGCAATTGCTTCGGTCTGGTTTCGGGGCTAATGAGGTCTCAACAGCCTGCTCCA
 TGGCTGTGTTTGGCAATCAGCTTGAATTGCAATTGGGTTTTGGTCCCTCTGTCTGGTACCCAAAT
 CAAAGACCAGGAAAGCTTGCTACCACATCAGCATCATGTTCTACATAATAGGAGGTGTGGCCACTCTC
 CTCTTCATCCTTGTATCATCGTATTCAAGGAGAAGCCCAAGTACCCTCCAGCAGGGCCAGTCTTTGA
 GCTACGCCCTGGCGACCACTGATGCTTCGTAAGTTCCATTGTCCGGCTCTTCAAAACCTCAACTT
 TGTGCTGCTGGTATCACCTATGGTCTGAATGCTGGTGTCTTCTATGCCTTATCCACTCTGCTGAATCGC
 ATGGTGATCATGCACTTTCGGGGCAAGAAGTGAATGCTGGAAGAATTGGTCTGACCATTTGTCATCGCG
 GGATGTTTGGAGCTATGATCTCGGCATCTGGCTGGATAAATCCAAACCTACAAGGAGACAACCCTGGT
 AGTGATATCATGACTCTGGTGGCATGGTGATATACATTACCTTGAACCTGAACCATTTGTGGATA
 GTATTCATCACTGCTGGCTCACTAGGCTTCTTCATGACTGGCTATCTGCCCTTGGGCTTTGAGTTTGCTG
 TGGAGCTCACATACCCGAGTCTGAAGGTGTGCTGCTGGCTCCTCAACGTGTGAGCAGGATTCGG
 GATCATCTTCACCATCTCCCAAGGCCAGATTATTGACAACTATGGATCCGTGCCTGGGAACATCTTCCTG
 TGTGTGTTCTTGGCCTCGGATCAGCTCTAACAGCTTTCATTAAGTCAGATCTTCGGAGGCAGAGGCGA
 ACAAGGATGCTCCTGAGACCAAGTCCAGGAGGAGGAAGAGGAGGAGGAAGAGCAATACCAGCAAGGT
 ACCCACCGTCTGTCGGAGGCTCATCT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_199109

Insert Size: 1641 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:	<u>NM_199109.2, NP_954540.2</u>
RefSeq Size:	3445 bp
RefSeq ORF:	1641 bp
Locus ID:	314323
Cytogenetics:	6q31
Gene Summary:	may act as a transporter; may play a role in calcium exchange and homeostasis [RGD, Feb 2006]