

Product datasheet for **MC201049**

Flvcr2 (NM_145447) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Flvcr2 (NM_145447) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Flvcr2
Synonyms:	CCT; Flvcr2; Mfsd7c
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

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>BC011209 sequence for NM_145447
AGGCCCCAGCCTGCCCGGAGCAAACCGAGCTCGCCCTGCCACAGTTCGCTGTTCAAGGAGTCAAACCTTTT
TCCAGGACGGTCAACGCTTCATCTGGACAGCCTGGAACGCGTGGCAAGGCGTCTGCGGCCAACTTGGGGG
ACAACAGTTTGTAGGGAGTGATCGTAGGAACCTGAGATCTCGATTTCTCCGCTAACAGAGGTGCGCTCC
CGGAGAAGTGTTCCTCAGCTCTAGGGGACAGGCAAAAGGCTGCTGACCATAAGACTGTAGGAGTCAG
TACGTGCCTGGGATTCAGGAGCTCGTTGTGTCATGGTGAATGAAAGTCTCAACCAGGAGGAGAGCAATG
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TCCCAGCGTCTCAGGCCACCCAGCGTCTCAGGCCACCCAGCGTCTCAGGCCACCCAGTGTCTCCATC
CATCCTAGTGTCTCCATCGACCCAGCGTCTCTGTCCGTCAGCAGTTCAGCACTCCCCAGTACCTTGG
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TCGTTGGGTCGTGGTCTGGTGTTCAGTTGCTACTCCTTGTGCAATGCCTTCCAGTGGATTAGTACGGC
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CAAAGTCCAGGAGGAGGAAGAGGAGGAGGAGGGAGCAATACCAGCAAGTACCCGTCGTGTCGGAGGCT
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AGATTACCCGTTTGCCTGCAGTACTGGGTATCGGGCCAGATATGTGTGTGTTTGTGCAGTGGATGGGA
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TGTTTTTCTTTAATTGTTCAAAGTGGACGTGTTTACTCAATTCATTTCTGTTATTAATTCATTTCTTTAT
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AAGTGAAAAAAAACCAATAATTTGTATTTCTGTGTGCAATACCAGATATTTAAGGCAATAAAGATTTTCA
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Restriction Sites:	RsrII-NotI
ACCN:	NM_145447
Insert Size:	1656 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:	BC011209 , AAH11209
RefSeq Size:	3457 bp
RefSeq ORF:	1656 bp
Locus ID:	217721
UniProt ID:	Q91X85
Cytogenetics:	12 D2
Gene Summary:	Acts as an importer of heme. Also acts as a transporter for a calcium-chelator complex, important for growth and calcium metabolism (By similarity).[UniProtKB/Swiss-Prot Function]