

Product datasheet for **RN201046**

Flad1 (NM_001110138) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Flad1 (NM_001110138) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Flad1
Synonyms:	MGC187714
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN201046 representing NM_001110138
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCATCTAGGGCCTCTGAACGCCCCAGGACGACGCGTGACAGCGGGCATCATCATTGTTGGAGATG
AGATCCTTAAGGGACACACGCAAGATACCAACACTTACTTTCTTTGCCGGACGCTGCGCTCCCTGGGGT
CCAGGTGTGCCGAGTCTCTGTTGTACCTGATGAAGTAGCCACCATTGCATCCGAGGTCACCTCATTCTCC
AGGCGCTTCACTCACGTCTCACCGCGGGGGCATTGGTCCCCTCATGACGATGTGACCTTTGAGGAG
TGGCACTGGCTTTTGGGGAGGAGCTCAAACACACCCTGAGCTCCAAGCAGCCATCAAACCCTAGGAGG
GGAGGGTTGGGAGAAGCTGTCGATGGTGCCTCCTCTGCCCGCCTTATTACGGTACAGATCCCGGAACT
GGCCACCCTTCCAGATCCCGCTGGTCTCTGTCCGAAATGTCTACCTCTCCAGGAATCCGGAGCTGC
TGCACGAGTGTGGAGGATTGAAAGGGCTGTCCAAAACACAGCCGTGCAATCCACCTGAAGGAGTT
GTATGTGGCTGCATCAGAGGGCTCTATCGCCCCATCCTGTCTGAGGCGCAGGCCACTTTGGGCGTAGG
CTAACCTGGGTTCTATCCTGACTGGAGCAGCAACTACTACCAGGTGAAGCTGATTCTAGACTCCGAGG
AAAAGGAGCCCTTGGAGGAATGCCTGGCCTATCTGACTGCACGTCTGCCCAAGGATCACTCATCCCTA
CCTACCCGATGCTGTTGAGAAGGCCAGTGGGCTGTTTACAAACTCGCTGAGTCAGGGTCTTGTCTGGG
AAAAAGGTAGCAGGTGCCCTACAGACATTGAGACTGCCCTGGCTCAATACCACCTCTCCAGATCTGTG
TGGGCTCAATGGGGCAAGGACTGCACCGCCCTCTGCACCTCTTCCATGCAGCTGTGCAGAGAAAATT
TCCTGATGTTCCAAAACCTCTCCAGATCCTGTACATTCGACGATCTCGCCCTCCCTGAGTTGGAACAG
TTTCTGCAGGACACCATCAAGAGGTATAACCTACAGATGTTAGAAGCTGAGGGTAACATGAAGCAGGCC
TGGGTGAGCTCCAGGAAAGCACCCCGCTGGAGGCTGTCTGATGGGCACTCGACGGACTGACCCCTA
CTCCTGTAGCCTCCACCATTTCAGCCCCACCGACCCTGGCTGGCCTTATTTCATGCGCATCAACCCGCTG
CTGGACTGGACCTACAGAAACATCTGGGAATTTCTGCGGCAGCTGTTTGTCCCATACTGCATCCTGTATG
ACAGAGGGTACACATCACTGGGGAGTCGGGAAAACACAAAGCAGAATCCGGCCCTGAAGTGCCTGAGCCC
AGGAGGGCACCTGTCTACCGCCAGCATACCTCCTGGAGAATGAGGATGAGGAAAGGAACTCCCGAATG
TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001110138

Insert Size: 1473 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_001110138.1](#), [NP_001103608.1](#)

RefSeq Size: 2879 bp

RefSeq ORF: 1473 bp

Locus ID: 751787

Cytogenetics: 2q34