

Product datasheet for **RR207000**

Fcrl2 (NM_001107702) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fcrl2 (NM_001107702) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fcrl2
Synonyms:	Fcrls; Msr2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RR207000 representing NM_001107702
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTGCTGTA CTGCTGCTTCTGGTATTTGCTCCTGTGCGGAGTCCAGTCCGACTGGTTGAGCATCAGCG
 TTCACAGCATGCTTATGAAGGAGACCAAGTAGTTATAAGGTGCACGGGGCAAAAACAAATGGTGACATAAA
 GAGAGTGAAGTACTTCAAGAATAGCCATCACATAGCAACTTACAGCGGTTCTTCGAGCTACACCATTGAC
 AATGCAGGACTTGGTGACAGTGGCTACTATTTCTGTAAGGCAGATAGGAAATTGTTCTATTTATAGACA
 CAACAGAAGAAACAGGATCCAAGTGGCTTAATGTCCAAGAGCTGTTTCCAACACCTGGGCTGACTGCCAG
 CCTCTGCAGCCATAGAGGGGAGTTCAGTGACCCTGTCTGCAACACCAGGCTCCCTTCAGACAGGGCA
 ACGACCAGTTACGCTATTCCTTCTTCAAAAAATGGCCACACTTTGCAATCGGGCTGGACCTCACGAAAT
 TTACAATCTCAGCAATATCGAAGGAAGACTCAGGAAATTAAGTGTGTAAGCAATGACCGCTCTCGCAG
 TGTCTCAAAGCAGAGTTACCGGTCTATATAGATGTGGAGAGGATCCCTGTATCTCAAGTCTCCATGGAG
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 TTCCAGTGTGACGCCTCTCTTCCATCAGCGTTCTGGGGTCTACCTTCATCGGGGATGTGGCCGA
 GCTTCACTGTGAAGACAAGAGAGCGTCTCTCCCGTCTGTACCGGTTTTATCACGAAAATCACTCTG
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 GGTCACTGGGGCACTGTTTGTGACGATGGCTGGGACATGAAGGACGTGGCTGTGGTGTGCCGAGATTGG
 GCTGTGGAGCAGCCCGCACACCAATCGCCGCACTGTATCCTCCAGTAGTTGACGAAGCTCTGCCTGT
 GCTCATTAGGTAGCCCTGTGCAACGGCACAGAACAGACCCTGGCTGAATGTGACCAGGTGAGGCCCTT
 GATTGTGGGCATGACGAGGATGCTGGAGCTGTGTGAAGTCATACCCAGAACTTTC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

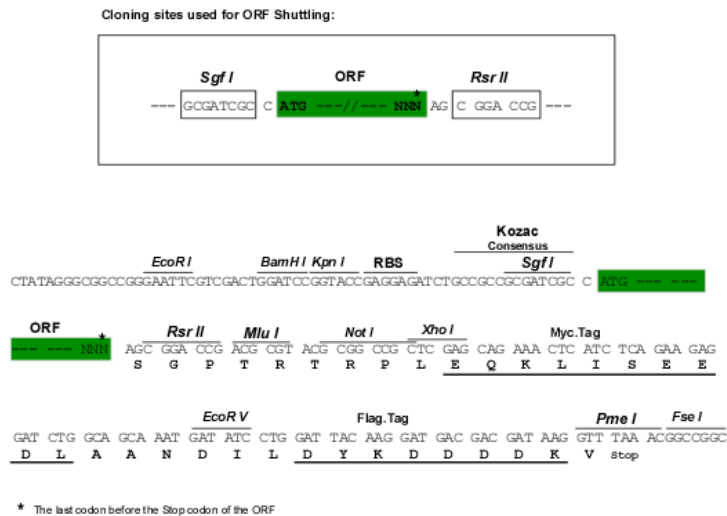
>RR207000 representing NM_001107702
 Red=Cloning site Green=Tags(s)

MLLYSLLL VFAPVGVQSDWLSISVPQHAYEGDQVVIRCTGQNNQDIKRVKYFKNSHHIATYSGSSSYTID
 NAGLGDSGYFFCKADRKLFLFIDTTEETGSKWLNQELFPTPLTASLLQPIEGSSVTLSCNTRLPDRA
 TTQLRYSFFKNGHTLQSGWTSFKFTISAISKEDSGNYWCEAMTASRSVSKQSYRSYIDVERIPVSVQVSM
 IQPSRWGVEGEPLGLEGEPLVLCVAVKGTGLIMFSWHRQDTKESVGSKSQRSQRVELEIPVIRESHAG
 GYYCTADNNGYGLVQSAVNIIVKVPVLQPLFSISVPGVLPFVIGDVAELHCEDKRASPPVLYRFYHENITL
 ANTSAPFGGKASFKLSL TAGHSGNYSCEADNGWGTKRSEVVTNLNTEPPPKVRLVNGPHHCEGRVEVEQD
 GHWGTVCDDGDMKDVAVVCRELGC GAARHTPIAALYPPVVDEALPVL IQVALCNGTEQTLAECQVEAF
 DCGHDEDAGAVCEVIPRTF

SGP**TRTRPLEQKLI SEEDLAANDILDYKDDDDK**V

Restriction Sites:

Sgfl-RsrII

Cloning Scheme:


ACCN: NM_001107702

ORF Size: 1527 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001107702.1](#), [NP_001101172.1](#)

RefSeq Size: 2262 bp

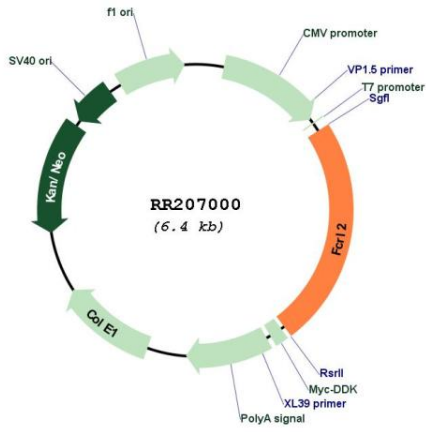
RefSeq ORF: 1530 bp

Locus ID: 310694

Cytogenetics: 2q34

MW: 55.7 kDa

Product images:



Circular map for RR207000