

Product datasheet for **RR208724**

Fcrla (NM_001100682) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fcrla (NM_001100682) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Fcrla
Synonyms: Fcrlm1; RGD1306176
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR208724 representing NM_001100682
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAAGCTGAGCTGTATGCTCATAGAATGGGCTCTTTATGTCTGTCCCGCTGTGCTCCTGGCAACCCAGA
TGTCCTGGCTGCCAGTTTGGAGACTCTGAAGTGTGAAGGACCGGTGAGCACTGAGCACAGCAGCTGCCT
TGCTGCTACTGAGGAGGATGAGGGTGTGACGACATGGCCGCTCCGGTGAAGCTGACTTCCGGTTCAAG
GGCTACACATTCAGTAAACCCTTCCACCTCATCGTTTCTACGACTGGCTGATCCTCCAAGTCCAGCTA
CATCGATATTTGAAGGAGACACACTGGTTCTGCACTGCCGTGCCCTGGCAAGACTGGCCACTGACTCAGGT
CATTTTCTACCGAGAGGGCTCAGCCCTGGGTCCTCCTGGATCTAAAAGTGAATTCTATCGCCGTGGCA
CGAAAGTCAGACAGCGGGCACTACCACTGCAGCGGCATCTTCAGAAGCCCTGGTCTGGGAGCCAAGAGA
CTGCATCCCCTGTGGCCATCACTGTCCAAGAGTTGTTTCGAGCCCCAGTTCTCAAAGCCTACCTTCTAG
TGGACCCCAAGAGGGAGGCTCAGTGACCCTGAGCTGTGAGACAAAGCTGTCCCTGCAGAGGTCAGCTTCC
CGCCTCCTTCTCCTTCTACAAGGATGGAAGGTCAGTGTGAGGAGGAAATCTCTTCAAGATCCGGA
TCCCCGAAGCCTCAGAAGAACACTCTGGCTCCTACTGGTGTGAGGCAGCAACTGAGGATAGGCAAAATTC
GAAGCAGAGCCCAGAGCTGGAGATCCGGGTACAGGCTCTTCAGAAACCAGCTACTCCAGAAACCCCTCT
CCTGCAAAAGCTCCTGGTCTCTGCCTTTATTACCCACTCCTTCTGATGAGCAGCCAGTATTCTCCTTCT
CAGACCCCTACCTTACTTACCGGATAAACCGCCTTCTCAGACAAATGCAAGATGTAAGAATTCTCCTTGG
TCATCTGGTCATGGAAGTGAAGTGTCTGCCACCGGAAGCCTGCCACTACAAAGAGT

ACGGTACGGGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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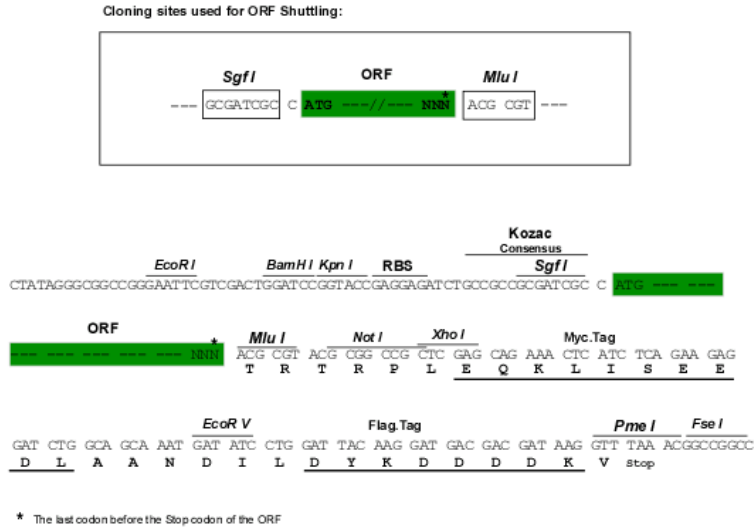
Protein Sequence: >RR208724 representing NM_001100682
 Red=Cloning site Green=Tags(s)

MKLSCLMIEWALVYCPAVLLATQMSLAASLETLKCEGPVSTEHSCLAATEEDEGDDDMARSGEADFRFK
 GYTFSKPFHLIVSYDWLILQGPATSI FEGDTLVLCRAWQDWPLTQVIFYREGSALGPPGSKSEFSIAVA
 RKSDSGHYHC SGIFRSPGPGSQETASPVAITVQELFAAPVLKALPSSGPQEGGSVTLSCETKLSLQRSAS
 RLLFSFYKDRSLSSRGISSEFRIP EASEEHSGSYWCEAATEDRQISKQSPELEIRVQALQKPATPETPP
 PAKAPGLPLLPSPDEQPVFVSFSDPYLTYRINRLLRQM QDVRILLGHLVME LRNL SAHRKPATTKS

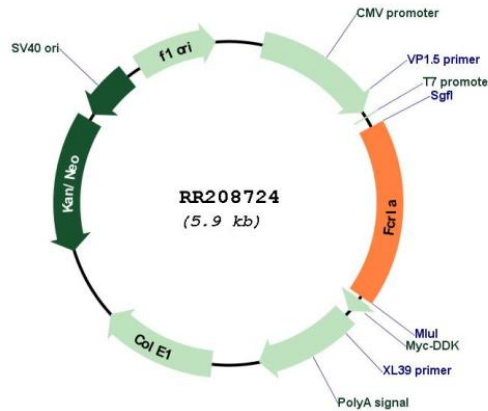
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001100682

ORF Size: 1041 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:	<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:	NM_001100682.1 , NP_001094152.1
RefSeq Size:	1230 bp
RefSeq ORF:	1044 bp
Locus ID:	304965
UniProt ID:	Q3B8P2
Cytogenetics:	13q24
MW:	38.1 kDa
Gene Summary:	May be implicated in B-cell differentiation and lymphomagenesis.[UniProtKB/Swiss-Prot Function]