

Product datasheet for **RG229969**

FCRLM1 (FCRLA) (NM_001184866) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FCRLM1 (FCRLA) (NM_001184866) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	FCRLA
Synonyms:	FCRL; FCRL1; FCRLb; FCRLc1; FCRLc2; FCRLd; FCRLe; FCRLM1; FCRLX; FCRX; FREQ
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG229969 representing NM_001184866 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTGAAGAAAATCAGTGTGGGGTTCAGGAGACCTAAACACAGTCACCATGAAGCTGGGCTGTGTCC
TCATGGCTGGGCCCTACCTTCCCTGGTGTGCTCTGGTGGCCAGATGCTACTGGCAGCTGGATG
TCATGCCGCTGCCAGTTTGGAGCGCTGCAGTGTAGGGACCTGTCTGCACTGAGGAGAGCAGCTGCCAC
ACGGAGGATGACTTACTGATGCAAGGGAAGCTGGCTTCCAGGTCAAGGCCTACACTTTCAGTGAACCT
TCCACCTGATTGTCTATGACTGGCTGATCCTCCAAGTCCAGCCAAGCCAGTTTTTGAAGGGGACCT
GCTGGTTCTGCGCTGCCAGGCCTGGCAAGACTGGCCACTGACTCAGGTGACCTTCTACCGAGATGGCTCA
GCTCTGGGTCCCCCGGGCTAACAGGGAATTCTCCATCACCGTGGTACAAAAGGCAGACAGCGGGCACT
ACCACTGCAGTGGCATCTTCCAGAGCCCTGGTCTGGGATCCCAGAAACAGCATCTGTTGTGGCTATCAC
AGTCCAAGAACTGTTCCAGCGCAATTCTCAGAGCTGTACCCTCAGCTGAACCCCAAGCAGGAAGCCCC
ATGACCTGAGTTGTGAGACAAAGTTGCCCTGCAGAGGTGAGCTGCCCGCCTCTTCTCTTCTTACA
AGGATGGAAGGATAGTGCAAAGCAGGGGGCTCTCCTCAGAATCCAGATCCCCACAGCTTCAAGATCA
CTCCGGGTCACTGGTGTGAGGCAGCCACTGAGGACAACCAAGTTTGGAAACAGAGCCCCCAGCTAGAG
ATCAGAGTGCAGGTGCTTCCAGCTCTGCTGCACCTCCACATTGAATCCAGCTCCTCAGAAATCAGCTG
CTCCAGGAAGTCTCCTGAGGAGGCCCTGGGCCTCTGCCTCCGCCCAACCCCATCTTCTGAGGATCC
AGGCTTTTCTTCTCCTCTGGGGATGCCAGATCCTCATCTGTATCACAGATGGGCCTTCTCTCAAACAC
ATGCAGGATGTGAGAGTCTCCTCGGTACCTGCTCATGGAGTTGAGGGAATTATCTGGCCACCGGAAGC
CTGGGACCACAAAGGCTACTGCTGAA

ACGGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG229969 representing NM_001184866
 Red=Cloning site Green=Tags(s)

MLKKISVGVAGDLNVTMKGCVLMAWALYL SLGVLWVAQMLLAAGCHAAASFETLQCEGPVCTEESCH
 TEDDLTDAREAGFQVKAYTFSEPFHLIVSYDWLILQGPAPVFEGDLLVLRQAWQDWPLTQVTFYRDGS
 ALGPPGPNREFSITVVQKADSGHYHCSGIFQSPGPGIPETASVVAITVQELFPAPILRAVPSAEPQAGSP
 MTLSCQTKLPLQRSARLLFSFYKDGRIVQSRGLSSEFQIPTASEDHSGSYWCEAATEDNQVWKQSPQLE
 IRVQGASSAAPPPTLNPAQKSAAPGTAPEEAPGPLPPPPTPSSSDPGFSSPLGMPDPHLYHQMGLLLKH
 MQDVRVLLGHLLMELRELSGHRKPGTTKATAE

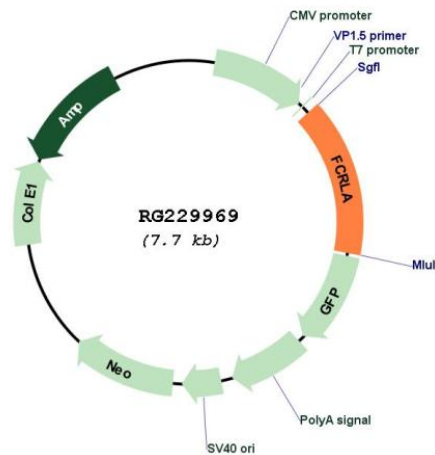
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001184866

ORF Size:	1146 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_001184866.1 , NP_001171795.1
RefSeq Size:	2375 bp
RefSeq ORF:	1098 bp
Locus ID:	84824
UniProt ID:	Q7L513
Cytogenetics:	1q23.3
Protein Families:	Secreted Protein, Transmembrane
Gene Summary:	This gene encodes a protein similar to receptors for the Fc fragment of gamma immunoglobulin (IgG). These receptors, referred to as FCGRs, mediate the destruction of IgG-coated antigens and of cells induced by antibodies. This encoded protein is selectively expressed in B cells, and may be involved in their development. This protein may also be involved in the development of lymphomas. Multiple alternatively spliced transcript variants that encode different protein isoforms have been described for this gene. [provided by RefSeq, Aug 2011]