

## Product datasheet for **RC217922**

### FLACC1 (NM\_139163) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	FLACC1 (NM_139163) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	FLACC1
Synonyms:	ALS2CR12
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>RC217922 representing NM\_139163  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTACCCCAACCCTCTCATCTACTGCACCTGCTGGGACCCTGGAAGTTGGGACCACGGAAGCTAATCA  
 AGACCCCTCAACTACCAGCAAGAACTCCACAGGGAGTTCCAAGCTAACTCCTCTTGTACCAGCTCCAAA  
 AAATCACAAATTACCTCCAACCAACAAAACCTGTTGTTTCCCAAAAATGAAAATCCATTCAGCAAGGCAA  
 GAAGAGACTAATAAATCATTTTATGAAGTGATCAACGTGTACCTGGCTATCAACTTGTTCGGAATCGGG  
 AACAGATTTCTGTACCTTAGGGGATGAGATGTTTGATAGGAAAAAGCGGTGGGAATCGGAGATCCCGGA  
 CAAAGGCAGATTTCCAGGACCAACATCATTTCTGACCTAGAAGAGCAAATCTCAGAGCTGACAGCAATA  
 ATTGAACAAATGAACAGAGACCACAGTCTGCCAGAAATGCTCTCCAGTGAAATGGATCTCCGCTGTG  
 CTGAGATGAAACAGAAGTTTGAACAAGAAGAGGAGCTCAAAGAGGCCATGAAGCAGAAGCTCAGTGA  
 GTTGGAGAACAACATAAAGCAGCCTTGAAGGCAGAGAAGTTGGCTGCCAAGAGAAGCTAGAGGAGATG  
 GAAAAAGAATACAAGTATTTGAAGAATATGTTTCTGACGTATCAGGACAGTATTTATGATGAAATGGAA  
 AGAAGTGGTCAAAACAGAAGCGCAATGGAAGAAGGATGAGAAGTTTCGAGCGAGAAAAATATCCTGTACA  
 GCAAAAAAAGATGACCAAAAAATTCGAAATGGAGTCAGGAGAAGAAGATAAGAAAAATAATGAATCC  
 TGCAGTGTCTTTGAGAACTTCATTCAGAGAAGGAGGAGCTCTTGAACAACATCAAAGTGACACCT  
 TGCAATTAGAAGAGCTGAGAAAAACCAAGAGGTGCCCTGGAGAAGAGACCAATAAATAGACATTGGCA  
 TGATGTCTGCAACAGCTTCTTCTATGCAGGTCATGCAGGAAGAATTGCATGCACAAGCCCTTATCCTA  
 GAGTCACTGAACAAACCTCTACTATACCCAGTTGGAAGTCCAGAAAAGAAAAGCTATAGTGGGAAATC  
 TGGAGAAAAAGCTTCAAACCAAGTTTGGTGAAGTGAAGAAAAGTATAAGCACACCATACAGATCCTGAC  
 GGAAGAGAACATTCATCTGAAGCAAAAGATAATTTCTAAGAATGAAGAAATTTGTGAAGGATGTTCTGGG  
 AGATTGGCTCTATTACTGTTTCTAAGGATGATTCTGACACTGTGCAAGTGGTAGCAAGAAAGGACAAG  
 AATCA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC217922 representing NM\_139163  
 Red=Cloning site Green=Tags(s)

MYPNPLIYCTCWDPNLGPRLIKTPQLPRKNSTGSSKLTPLVPAPKNHNYLQPTKPVVSPKMKIHSARQ  
 EETNKSFYEVINVSFGYQLVRNREQISVTLGDEMFDKRRWESEIPDKGRFSRTNIISDLEEQISELTAI  
 IEQMNRDHSQAQKLLSSEMDLRCAEMKQNFENKNRELKEAHEAELSELENNYKAALKAELAAQEKLEEM  
 GKEYKYLKMFRTYQDSIYDEMEEKWSKQKAKWKKDEKFERENILLQKKKMTKKFEMESGEEDKKINES  
 CSAVFENFIQEKEELLKQHSDTLQLEELRKTKEVPWRRDQINRHWHDLVQLLLMQVMQEELHAQALIL  
 ESLNTNLYYTQLELQKEKAIVGNLEKMLQTKFAETEEKYKHTIQILTEENIHLKQKIISKNEEICEGCSG  
 RLASITVSKDDSDTVQDGSKKGQES

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mk8016\\_f03.zip](https://cdn.origene.com/chromatograms/mk8016_f03.zip)

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**


**ACCN:** NM\_139163

**ORF Size:** 1335 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\\_139163.3](#), [NP\\_631902.2](#)

**RefSeq Size:** 1777 bp

**RefSeq ORF:** 1338 bp

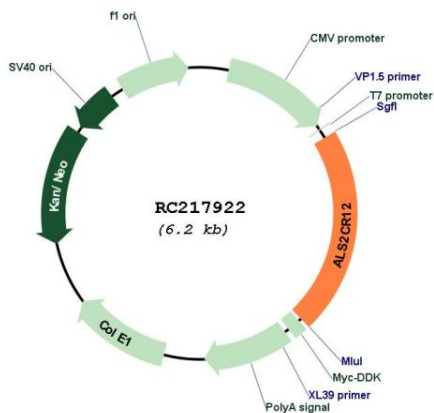
**Locus ID:** 130540

**UniProt ID:** [Q96Q35](#)

**Cytogenetics:** 2q33.1

MW: 52.3 kDa

Product images:



Circular map for RC217922