

Product datasheet for **RG233921**

CLEC17A (NM_001204118) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CLEC17A (NM_001204118) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CLEC17A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG233921 representing NM_001204118 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCATAATCTGTATTCCATCACTGGGTACCGGACCCACCAGGGACCATGGAGGAGGAGGAGGAGGATG
 ATGACTATGAGAACTCAACACCTCCCTACAAGGACCTTCCTCCCAAGCCAGGGACCATGGAGGAGGAGGA
 GGAGGATGATGACTATGAGAACTCAACACCTCCCTACAAGGACCTTCCTCCCAAGCCAGGGACCATGGAG
 GAGGAGGAGGAGGATGATGACTATGAGAACTCAACACCTCCCTACAAGGACCTTCCTCCCAAGCCAGGTT
 CAAGTGCTCCACCAAGACCTCCAAGGGCAGCAAAGGAAACAGAGAAACCCCACTTCCTTGCAAGCCCCG
 GAACATGACAGGCCTGGACCTCGCCGCTGCACCTGTCCACCTCCTCAACTGGCTGTGAATCTTGAGCCT
 TCTCCATTGCAGCCATCCCTGGCCGCAACTCCAGTCCCTGGCTCAATCAGAGGTCTGGAGGTCTGGCT
 GCTGCCAGAAGAGGTGGATGGTGTACCTGTGTCTGCTGGTGGTGACTTCCTGTTCTGGGCTGCCTTGG
 TCTCACTGTGACCCTGATTAAGTACCAGGAGTTGATGGAAGAACTGAGAATGTTAAGCTTTCAGCAGATG
 ACGTGCGCAACAAATATGACTGGCATGGCAGGGCTAGCTGGCCTGAAGCATGACATTGCCCGTGTAAGAG
 CTGACACCAACCAGTCCCTGGTGAACCTTTGGGGCTTATTAGACTGCCGCCGAATTACCTGTCCTGAAGG
 CTGGCTGCCCTTTGAGGGCAAGTGTTACTACTTCTCCCAAGCACCAAGTCATGGGATGAGGCCCGGATG
 TTCTGCCAGGAGAATTACTCTCACTTGGTCATCATCAATAGCTTTGCTGAGCACAATTTGTGGCCAAGG
 CCCATGGCTCTCCACGGGTGACTGGCTGGGGCTGAATGACAGGGCCAGGAAGGGGACTGGAGGTGGCT
 GGATGGGTCTCCTGTGACATTAAGCTTCTGGGAGCCAGAGGAACCAATAACATCCACGATGAGGACTGT
 GCTACCATGAACAAAGGTGGCACCTGGAATGATCTCTTGTACAAAACCTACGTATTGGATTTGTGAGC
 GGAATGTTCTGT

ACGCGTACGCGGGCCGCTCGAG - GFP Tag - GTTTAA


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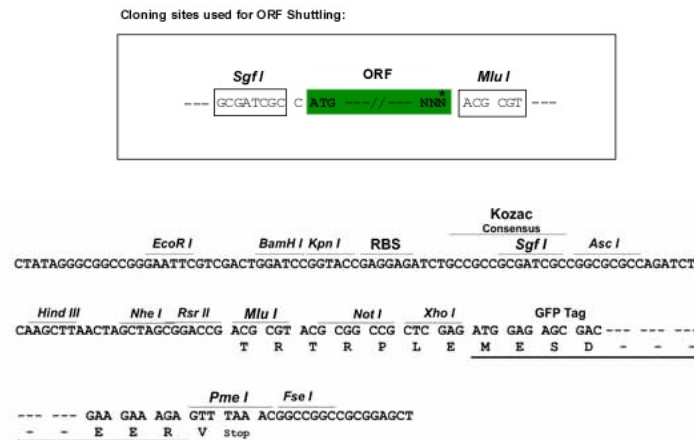
Protein Sequence: >RG233921 representing NM_001204118
 Red=Cloning site Green=Tags(s)

MHNLYSITGYDPDPGTMEEEEDDDYENSTPPYKDLPPKPGTMEEEEDDDYENSTPPYKDLPPKPGTME
 EEEEEDDYENSTPPYKDLPPKPGSSAPPRPPRAAKETEKPLPCKPRNMTGLDLAAVTCPPQLAVNLEP
 SPLQPSLAATPVWLNQSRGGPGCCQKRWMVYLCLLVVTSFLGLGLTVTLIKYQELMEELRMLSFQQM
 TWRTNMTGMAGLAGLKHDIAVRADTNQSLVELWGLLDCRRITCEGWLPEFGKCYFSPSTKSWDEARM
 FCQENYSHLVIINSFAEHNFVAKAHGSPRYWYGLNDRAQEGDWRWLDGSPVTLSEFWEPEEPNNIHDEDC
 ATMNKGGTWNLDSCYKTTYWICERKCS

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001204118

ORF Size: 1134 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_001204118.2](#)

RefSeq Size: 2162 bp

RefSeq ORF: 1137 bp

Locus ID: 388512

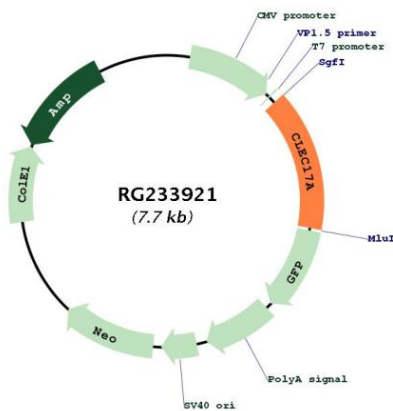
UniProt ID: [Q6ZS10](#)

Cytogenetics: 19p13.12

Protein Families: Transmembrane

Gene Summary: Cell surface receptor which may be involved in carbohydrate-mediated communication between cells in the germinal center. Binds glycans with terminal alpha-linked mannose or fucose residues.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG233921