

## Product datasheet for **RG211470**

### CLEC4C (NM\_203503) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** CLEC4C (NM\_203503) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** CLEC4C  
**Synonyms:** BDCA-2; BDCA2; CD303; CLECSF7; CLECSF11; DLEC; HECL; PRO34150  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG211470 representing NM\_203503  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGTGCCTGAAGAAGAGCCTCAAGACCGAGTGCCTCACAATTTTATGTATAGCAAACTGTCAAGAGGC  
TGTCCAAGTTACGAGAGTATCAACAGTATCATCCAAGCCTGACCTGCGTCATGGAAGGAAAGGACATAGA  
AGATTGGAGCTGCTGCCAACCCCTTGGACTTCATTTAGTCTAGTTGCTACTTTATTTCTACTGGGATG  
CAATCTTGGACTAAGAGTCAAAGAAGTGTCTGTGATGGGGCTGATCTGGTGGTATCAACACCAGGG  
AAGAACAGGATTCATCATTGAAATCTGAAAAGAAATCTTCTTATTTTCTGGGCTGTCAGATCCAGG  
GGTTCGGCGACATTGGCAATGGGTTGACCAGACACCATACAATGAAAATGCACATTCTGGCACTCAGGT  
GAACCAATAACCTTGATGAGCGTTGTGCGATAATAAATTTCCGTTCTTCAAGAAGATGGGGCTGGAATG  
ACATTCATGTCATGTACCTCAGAAGTCAATTTGCAAGATGAAGAAGATCTACATA

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >RG211470 representing NM\_203503  
Red=Cloning site Green=Tags(s)

MVPEEEPQDRVPHNFMYSKTVKRLSKLREYQQYHPSLTCVMEGKDIEDWSCCPTPWTFSQSSCYFISTGM  
QSWTKSQKNCVSMGADLVVINTREEQDFIIQNLKRNSYFLGLSDPGRRHWQWVDQTPYNENVTFWHSQ  
EPNNLDERCAIINFRSSEEWGWNDIHCHVPQKSICKMKKIYI

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** SgfI-MluI





<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_203503.2</u>
<b>RefSeq Size:</b>	1221 bp
<b>RefSeq ORF:</b>	549 bp
<b>Locus ID:</b>	170482
<b>UniProt ID:</b>	<u>Q8WTT0</u>
<b>Cytogenetics:</b>	12p13.31
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Gene Summary:</b>	This gene encodes a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. Members of this family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signalling, glycoprotein turnover, and roles in inflammation and immune response. The encoded type 2 transmembrane protein may play a role in dendritic cell function. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]