

## Product datasheet for RR216348

### Clec4m (NM\_001170397) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Clec4m (NM_001170397) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Clec4m
Synonyms:	Cd209b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR216348 representing NM_001170397 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGCAGCCTCTTGATTCCATGGAGGACGGCGAGATGGAGGTCAGTGGCAGCAGGTATTCTATTAAGCT  
CCAGACTACGACCAAATCTGGAATCAAGAGTTTGGCAGGATGCCTGGGACACAACCAAGCCCCCTTGGT  
CCTGCAGCTGCTCTTTCTGTTCTTGGCTGGGCTCCTGCTGATCATTCTTTTCCAAGTCTTCAAGACC  
ACAAATACCCAGTGGCAGGAGGAACCAAGCAAGAGAAGATCCTTGAGGAAGTGAACAGCTGACAGACC  
AACTTATGTCCAGGATCCCCATCTCCAGGGGCGAATGAGTCCATGCAGGAGAAGATCTCTGAGCAACT  
GACTCAGCTGAAGGTTGAACTCCTATCCAGGATCCCCGCTTCCAAAGTGCAGAATGAATCCATGCAAGAG  
AAGATCTCTGAGCAACTGACACAGCTGAAGGCTGAACTCCTTCCAAGATCCCCAGCCTCCAGGTACAGG  
ATGAGTCTAAGCAGGAGAAGATCTACCAACAGCTGGTACAGATGAAGACTGAACTCCTCCGCTGTGTGC  
ACTCTGCCCTGGGACTGGACATTCCTCCTAGGAACTGTTACTTCTTATCCAAGTCCCAACGGAAGTGG  
AATGATGCCGTCAGAGCTTGCAAAGAAGAGAAGGCTCAATTAGTCATCATCAATAGTGATGAAGAGCAGA  
CCTTCTACAGCTGACTTCTAAGGCTAAAGGACCAACCTGGATGGGCTGTCAGACCTGAAGAATGAAG  
CACATGGCTCTGGGTAGATGTTCTACTCTGTATCCAGATTCCAGAAATATTGGAATAGAGGGGAGCCC  
AACAACATCGGTGAAGAAGACTGTGTAGAATTTGCTGGGGATGGCTGGAATGACTCCAAATGTGAAGTCA  
AAAAGTTCTGGATTTTCAAGAAGTCTGCGACCGCATGCACTGAAGGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR216348 representing NM\_001170397  
Red=Cloning site Green=Tags(s)

MQPLDSMEDGEMEVSGSRYSIKSSRLRPNSGIKSLAGCLGHNQAPLVLQLLSFLFLAGLLLIILFQVFKT  
 TNTQWQEEPQKEKILEELNQLTDELMRIPISQGGNESMQEKISEQLTQLKVELLSRIPVFQVQNESMQE  
 KISEQLTQLKAELLSKIPSLQVQDESKQEKIYQQLVQMKTELLRLCRLCPWDWTFLLGNCYFLSKSQRNW  
 NDAVRACKEEKAQLVIINSDEEQTFLLQLTSKAKGPTWMGLSDLKNEATWLWVDGSTLSSRFQKYWNRGEP  
 NNIGEEDCVEFAGDGWNSKCELEKFKFWIFKKSATACTEG

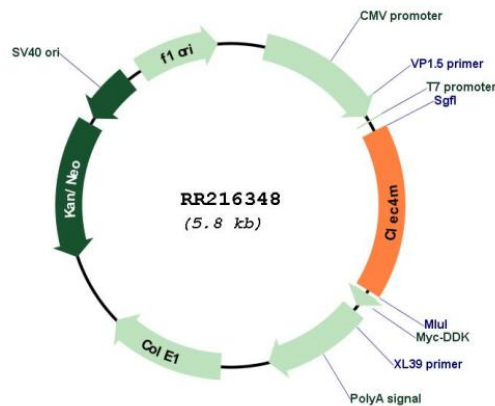
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001170397

**ORF Size:** 957 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_001170397.1</a> , <a href="#">NP_001163868.1</a>
<b>RefSeq Size:</b>	1225 bp
<b>RefSeq ORF:</b>	960 bp
<b>Locus ID:</b>	288378
<b>Cytogenetics:</b>	12p12
<b>MW:</b>	36.7 kDa