

## Product datasheet for **RR216105**

### Clec7a (NM\_001173386) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Clec7a (NM\_001173386) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Clec7a  
**Synonyms:** Clec7b; RGD1565140  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR216105 representing NM\_001173386  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGACGAAGATGGATATACTCAATTAGACTTCGGCACTCGAAACATCCACAAAAGACCTGTAAAATCAG  
AGAAAGGAAGCCCAGCTCCATCTTCTCGTTGGCGGTCCATTGCGGTAGCTTTAGGAATCCTGTGCTTGT  
CACAGTAGTGGTCGCAGCAGTGTGGGTGCCCTAGCATTTGCGAGATTCAATTCAGGGAGATATCCAGAG  
GAGAAAGACAACCTCCCAATCAAGAAATAAGGAGAACACAAACCCACAGAACCATCTTTAGATGAGAAGG  
TGGCTCCCTCCAAGGCATCCCAAACACAGGCGTCTTTTCTGGACCTTGCCCTCCCAATTGGATCATGCA  
TGCCAAGAGCTGTTATCTATTTAGCTTCTCAGAAAATTCCTGGTATGGAAGTAGGAGACACTGTTCCAG  
CTAGGAGCTCATCTATTGAAGATAGACAATGCAAAAGAAATTTGAGTTCATTGAAAGCCAAACATCTTCTC  
ACCGTGTAACTCATTCTGGATAGGTCTATCTCGCAATCAGAGTGAAGGGCCGTGGTTCTGGGAGGATGG  
ATCAGCATTTACCCCAACTCGTTTCAAGTCAGAAATACAGCTCCCAAGAAAGCTTACCCCAATTTGT  
GTTTGGATCCATGGGTGAGAGTCTACAACCAATGTGCATTGCTTCTCATTCACTATCTGTGAGAAGG  
AACTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR216105 representing NM\_001173386  
 Red=Cloning site Green=Tags(s)

MDEdGYTLDFGTRNIHKRPVKSEKSPAPSSRWRSIAVALGILCLLTVVVAVLGALAFRRFNSGRYPE  
 EKDNFSPRNKENHKPTEPSLDEKVPASKASQTTGVFSGPCLPNWIMHAKSCYLFSENSWYGSRRHCSQ  
 LGAHLLKIDNAKEFEFIESQTS SHR VNSFWIGLSRNQSEGPWFWEDGSAFTPNSFQVRNTAPQESLPHNC  
 VWIHGSEVYNQMCIASSFTICEKEL

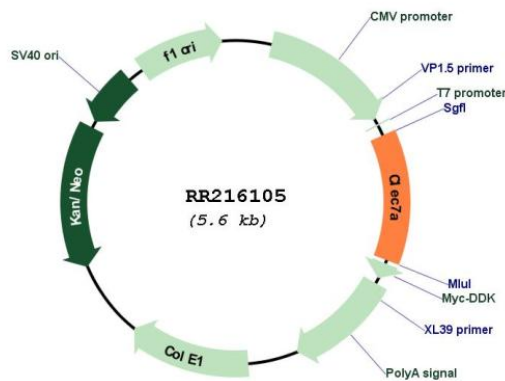
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001173386  
**ORF Size:** 705 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_001173386.1</a> , <a href="#">NP_001166857.1</a>
<b>RefSeq Size:</b>	2464 bp
<b>RefSeq ORF:</b>	708 bp
<b>Locus ID:</b>	502902
<b>Cytogenetics:</b>	4q42
<b>MW:</b>	26.5 kDa