

Product datasheet for RN216105

Clec7a (NM_001173386) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Clec7a (NM_001173386) Rat Untagged Clone
Tag: Tag Free
Symbol: Clec7a
Synonyms: Clec7b; RGD1565140
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN216105 representing NM_001173386
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGACGAAGATGGATATACTCAATTAGACTTCGGCACTCGAAACATCCACAAAAGACCTGTAAAATCAG
AGAAAGGAAGCCCAGCTCCATCTTCTCGTTGGCGGTCCATTGCGGTAGCTTTAGGAATCCTGTGCTTGT
CACAGTAGTGGTCGCAGCAGTGTGGGTGCCCTAGCATTTCGGAGATTCAATTCAGGGAGATATCCAGAG
GAGAAAGACAACCTCCCAATCAAGAAATAAGGAGAACCACAAACCCACAGAACCATCTTTAGATGAGAAGG
TGGCTCCCTCCAAGGCATCCCAAACACAGGCGTCTTTCTGGACCTTGCCCTCCCAATTGGATCATGCA
TGCCAAGAGCTGTATCTATTTAGCTTCTCAGAAAATTCCTGGTATGGAAGTAGGAGACTGTTCCAG
CTAGGAGCTCATCTATTGAAGATAGACAATGCAAAAGAAATTTGAGTTCATTGAAAGCCAAACATCTTCTC
ACCGTGTAACTCATTCTGGATAGGTCTATCTCGCAATCAGAGTGAAGGGCCGTGGTTCTGGGAGGATGG
ATCAGCATTACCCCAACTCGTTTCAAGTCAGAAATACAGCTCCCAAGAAAGCTTACCCCAATTTGT
GTTTGGATCCATGGGTGAGAGTCTACAACCAATGTGCATTGCTTCTCATTCACTATCTGTGAGAAGG
AACTG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001173386
Insert Size: 708 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none">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:	<u>NM_001173386.1, NP_001166857.1</u>
RefSeq Size:	2464 bp
RefSeq ORF:	708 bp
Locus ID:	502902
Cytogenetics:	4q42