

Product datasheet for **RN204928**

Clec9a (NM_001109354) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Clec9a (NM_001109354) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Clec9a
Synonyms:	RGD1562513
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN204928 representing NM_001109354 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCATGAGGAAGAAATATACACCTCTCTTCAGTGGGACATTCCAACCTCAGAGGCCTCTCAGAAGTGTC
CATCCCTTAGCAAATGTCCAGGAACATGGTGTATTGTGACGGTGATTTCTGTGTGGTCTGTGTGGGCTT
ACTAGCAGCATCCATTTCTTGGGCATCAAGTTCTCCAGGTGCCTCTCTTGTAAATGGAGCAGCGGAA
AGGCTCATCCGACAGGACACAGCATTGCTGAACCTCACAGAGTGGCAGAGGAACCATACACTGCAGTTAA
AAAGCTGCCAAGCCTCACTACAAAGATCTCTCCGTTCCAGGCAGTAACTGCAACCTTGTCCACCGAAGT
GATTCAGAATGGAAAAGTTGTTACTATGCCTTTGACCGCTGGGAAACGTGGAACAACAGTAAGAAGAGT
TGTTTAAAGAGGGCGATAGTCTCCTTCAAATAGACAGCAAAGAAGAAATGGAGTTTATCAACCTCAGTA
TATGGAAGCTCAAAGGAGGATATGAATACTGGGTGGGAGTGTTCAGATGGACCCAGTGGATCTTGTT
TTGGGAAGATGGCTCTTCTCCTCTCTGACTTGTGCCAACAGACAGACAGCTATCAGCCAGCCAGATC
TGTGGATACCTCAAAGACCATACTCTCATCTCGGATAACTGCAGTAACTGGAAATATTTTATCTGTGAGA
AGAAGGCATTTGGATCCTGCATC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001109354
Insert Size:	726 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).
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_001109354.1</u> , <u>NP_001102824.1</u>
RefSeq Size:	3254 bp
RefSeq ORF:	726 bp
Locus ID:	502901
UniProt ID:	<u>D4AD02</u>
Cytogenetics:	4q42
Gene Summary:	Functions as an endocytic receptor on a small subset of myeloid cells specialized for the uptake and processing of material from dead cells. Recognizes filamentous form of actin in association with particular actin-binding domains of cytoskeletal proteins, including spectrin, exposed when cell membranes are damaged, and mediate the cross-presentation of dead-cell associated antigens in a Syk-dependent manner (By similarity).[UniProtKB/Swiss-Prot Function]