

Product datasheet for MC202927

Clec10a (NM_010796) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Clec10a (NM_010796) Mouse Untagged Clone
Tag: Tag Free
Symbol: Clec10a
Synonyms: CD301a; M-ASGP-BP-1; Mgl; Mgl1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC014811 sequence for NM_010796
 GCACAGGGAAGCCAAGACTTCACACTGTTCCAGGCTTTACCTCATTAAAGCTTCTAGCACTCTCCTTGGT
 CCCAGATCCGTATCTGTCTGGATCCTGGTGTCTTGGTTTTCCGTCCAGACAGCCCCAGAGGCTCGTGT
 GTTCAAGTGTAACAATGATATACGAAAACCTCCAGAACTCAAGGATCGAGGAGAAAACCCAGAGCCTGG
 TAAAGCTCCTTCCAGTCTTCTGTGGCGCATCCTCTTGGACCCACCTCCTCTGTTCTCCCTGGGC
 CTCAGCCTCCTGTGTTGGTGGTCTCCGTGATTGGATCCAAAATCCAGTTAAGGAGGGACCTAG
 GCACCCTAAGAGCCATTTAGACAACACCACCTCCAAGATAAAGGCTGAATCCAGTCCCTGGACTCCAG
 GGCTGACAGTTCGAAAAGGGATCAGTTCTGAAAGTGGATGTGGAGGATCACAGGCAGGAAGTGCAG
 GCAGGCCGAGACTTGAGCCAGAAGGTGACTTCTGAGAGCACACTGGAGAAGAGGGAGCAGGCTCTCA
 AACAGATCTGTCTGATTTAACCGACCATGTGCAACAGCTGAGGAAGGACTTGAAGGCCCTGACGTGCCA
 GCTGGCCAACCTCAAGAACAACGGCTCGGAAGTGGCTGCTGCCGCTTCACTGGACGGAGCATGAAGGC
 AGCTGCTATTGGTTCTCTGAGTCTGAGAAGTCGTGGCCTGAAGCTGACAAGTACTGCCGGCTGGAGAATT
 CTCACCTAGTGGTGGTCAACTCCCTGGAGGAGCAGAATTTTCTACAGAATCGCTTAGCCAATGTGGTTAG
 TTGGATCGGCCTAACGGACCAAAACGGGCCCTGGCGATGGGTGGATGGGACCGACTTTGAGAAAAGCCTT
 AAGAAGTGGGCCCCACTGCAGCCAGATAACTGGTTCGGACACGGACTGGGAGGAGGTGAGGACTGTGCC
 ACATCACTACAGGTGGTCCCTGGAATGATGATGCTGCCAGAGAACCTTCCGCTGGATCTGTGAGATGAA
 GCTGGCCAAGGAGAGCTAGGAGCTCTCGCCAAGTAATTTATTTCTCAGTGGTTTCAGTGTCTCAAGTCT
 GGAGTTTGGAACTCTCCACCCGGTCTCAACATTACTGGGGACCCCCCCCCGCCCAAGAATTTTAAGG
 CAAGGAGAAAGGATTGTGTTTGGAGCTGGGTAGTGTGGTGTGCAAGAATAAGGTTGCTGAAATCTGTGA
 TATTTTGTACAGTGTGCAGCTTATTGTAGGCAACTTTTGAATGTAACAAAATTAATACTTTTTTGTGTA
 AAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_010796
Insert Size: 915 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:	BC014811 , AAH14811
RefSeq Size:	1353 bp
RefSeq ORF:	915 bp
Locus ID:	17312
UniProt ID:	P49300
Cytogenetics:	11 42.99 cM
Gene Summary:	<p>Recognizes terminal galactose and N-acetylgalactosamine units. May participate in the interaction between tumoricidal macrophages and tumor cells. Plays a role in the recruitment of inflammatory monocytes to adipose tissue in diet-induced obesity.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 5' coding region, compared to variant 1. The encoded isoform (2) is shorter than isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>