

Product datasheet for **MC226920**

Clec10a (NM_001204252) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Clec10a (NM_001204252) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Clec10a
Synonyms:	CD301a; M-ASGP-BP-1; Mgl; Mgl1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC226920 representing NM_001204252 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATATACGAAAACCTCCAGAACTCAAGGATCGAGGAGAAAACCCAAGAGCCTGGTAAAGCAGCTCCTT
CCCAGTCTTCTGTGGCGCATCTCTTGGACCCACCTCCTCTGTTCTCCCTGGGCCTCAGCCTCCT
GCTGTTGGTGGTCTCCGTGATTGGATCCCAAAATCCAGTTAAGGAGGGACCTAGGCACCCTGAGA
GCCACTTAGACAACACCACCTCAAGATAAAGGCTGAATCCAGTCCCTGGACTCCAGGCTGACAGCT
TCGAAAAGGGATCAGTTCTCTGAAAGTGGATGTGGAGGATCACAGGCAGGAAGTGCAGGCAGGCCGAGA
CTTGAGCCAGAAGGTGACTTCTCTGGAGAGCACAGTGGAGAAGAGGGAGCAGGCTCTCAAAACAGATCTG
TCTGATTTAACCGACCATGTGCAACAGCTGAGGAAGGACTTGAAGGCCCTGACGTGCCAGCTGGCCAACC
TCAAGAACAACGGCTCGGAAGTGGCCTGCTGCCGCTTCACTGGACGGAGCATGAAGGCAGCTGCTATTG
GTTCTCTGAGTCTGAGAAGTCTGGCCTGAAGCTGACAAGTACTGCCGGCTGGAGAATTCTCACCTGGTG
GTGGTCAACTCCCTGGAGGAGCAGAATTTCTACAGAATCGCTTAGCCAATGTGGTTAGTTGGATCGGCC
TAACGGACAAAACGGCCCTGGCGATGGTGGATGGGACCGACTTTGAGAAAGGCTTTAAGAACTGGGC
CCCCTGCAGCCAGATAACTGGTTCGGACACGGACTGGGAGGAGGTGAGGACTGTGCCACATCACTACA
GGTGGTCCCTGGAATGATGATGTCTGCCAGAGAACCTTCGCTGGATCTGTGAGATGAAGCTGGCCAAGG
AGAGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001204252



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Insert Size:	918 bp
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_001204252.1</u> , <u>NP_001191181.1</u>
RefSeq Size:	1501 bp
RefSeq ORF:	918 bp
Locus ID:	17312
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 (1) represents the longer transcript and encodes the longer 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>