

Product datasheet for MC211983

Clec2d (NM_053109) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Clec2d (NM_053109) Mouse Untagged Clone
Tag: Tag Free
Symbol: Clec2d
Synonyms: Clr-b; Clrb; Ocil
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211983 representing NM_053109
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTGTGTACAAAGGCTTCCCTACCTATGCTTAGTCCCACAGGCAGCCCGCAGGAGGTAGAAGTGGGTA
 AAATTCTCCAAGGAAAAAGGCACGGAACCATCTCCCTGAGTCTTGTGCTAAGCTTTACTGCTACTATGG
 AGTGATCATGGTCTCACTGTAGCTGTAATTGCTCTTTCTGTTGCTTTGTCAGCAACAAAGACAGAACAG
 ATCCCAGTCAACAAGACCTATGCTGCTTGCCCGCAAAACTGGATTGGAGTTGAAAATAAATGTTTTTATT
 TTTCTGAATACCCAAGTAACTGGACATTCGCCAGGCCTTCTGCATGGCAAGAGGCCCAACTAGCTCG
 GTTTGACAACCAGGATGAGCTGAATTTCCCTAATGAGATACAAGGCGAATTTTGATTCTGGATTGGCCTG
 CACAGAGAGTCGTGAGAGCACCTTGAAGTGGACAGACAACACTGAGTATAACAACACGATTCCCATCC
 GGGGAGAGGAAAGATTTGCCTACCTGAACAACAACGGGATCAGCAGTACCAGGATCTATTCACCTTCGGAT
 GTGGATCTGTAGCAAGCTCAACAGCTATAGCCTCCACTGCCAACTCCTTTTTTCTTCC**TAG**

ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053109
Insert Size: 624 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).



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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_053109.3</u> , <u>NP_444339.1</u>
RefSeq Size:	1214 bp
RefSeq ORF:	624 bp
Locus ID:	93694
UniProt ID:	<u>Q91V08</u>
Cytogenetics:	6 F3
Gene Summary:	Receptor for KLRB1B that protects target cells against natural killer cell-mediated lysis (PubMed:14990792, PubMed:16751398). Inhibits osteoclast formation (PubMed:11278931, PubMed:12374791). Binds high molecular weight sulfated glycosaminoglycans (PubMed:15123656).[UniProtKB/Swiss-Prot Function]