

Product datasheet for **MC211104**

Clec2g (NM_001168224) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Clec2g (NM_001168224) Mouse Untagged Clone
Tag: Tag Free
Symbol: Clec2g
Synonyms: 4632413B12Rik; Clr-c; Clr-d; Clrc; Clrd; Clrx; Ddv10; Ocilrp1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211104 representing NM_001168224
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAATGCTCAGTGCCTAAAGAAGCCAGAAGAAGGCGAAAGCTCCCCGGAAGTGGAGGTGTACATTCTT
ATAAAATCTCCAAGAAATAGTCTCAGAGCCATCTCCCTGAGTCTTCTGCTAAGCTTTACTGCTGCTG
TGGAGTGATCATGGTCCCTCACTGTAGCTGTAGTTGCTCTTCTGTTGCTTTGCCAGCAACAAAGACAGAA
CAGATCCTAATCAACAAGACCTATGCTGCTTGCCCGAAAACTGGATTGGAGTTGAAATAAATGTTTTT
ATTTTTCTGAATACACAAGTAAGTGGACATTCCGCCAGACCTTCTGCATGGCACAAGAGGCCCAACTAGC
TCGGTTTGACAACGAGAAGGAGCTGAATTTCTAATGAGATACAAGGCAAATTTTGATTCTGGATTGGA
CTGCACAGAGAGTCGTCAGAGCACCCCTTGGAAAGTGGACAGACAACACTGAGTATAACAACATGATCCCA
TCCAGGGAGTGGAAACATGTGCCTACCTGAGCGGCAATGGGATCAGCAGTTCCAGGCACTATACCTCG
GATATGGATCTGTAGCAAGCTTAACTATAGCCTCCACTGCCCAACTCCTGTTCTGTCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001168224
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_001168224.1, NP_001161696.1</u>
RefSeq Size:	2404 bp
RefSeq ORF:	624 bp
Locus ID:	70809
UniProt ID:	<u>Q9D676</u>
Cytogenetics:	6 F3
Gene Summary:	Inhibits osteoclast formation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at a downstream start codon, compared to variant 1. The encoded isoform (3) has a shorter N-terminus, compared to isoform 1.