

Product datasheet for **MC226382**

Clec2i (NM_001289707) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Clec2i (NM_001289707) Mouse Untagged Clone
Tag: Tag Free
Symbol: Clec2i
Synonyms: Clr-g; Clrg; Dcl1; LCL-1; OCILrP2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226382 representing NM_001289707
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCCAGATTGCTTGGAGACAGGAGAAAACTGTTGTACATAACATGAATGCCAGTGTGTACAGAAGC
CAGAAGAGGGCAATGGACCCCTTGGAACTGGAGGTGTGCAATGTTGTAAAATTGTCCAAGGAAAAATGTTT
CAGAATCATCTCCACTGTGTCTCTGTTAACTTTACTGCTGCTATGGAGTGATCATGGTCTCTACTGTA
GCTGTAATTGCTCTTTCTGTTGCTTTGTCAACAAAAAGACAGAACAGATCATAATCAACAGACCTATG
CTGCTTGCTCAAAAACTGGACTGGAGTTGAAATAAATGTTTTATTTTTCTGGATACCCACGTAAGT
GACATTTGCCAGGCCTTCTGCATGGCACAAGAGGCCCACTAGCTCGGTTTGACAACGAGGAGGAGCTG
ATTTTCCTAAAGAGATTCAGGGGGATTTTGATTGCTGGATTGGCCTGCACAGAGAGTCGTGAGAGCACC
CTTGAAGTGGACAAACAACACTGAGTATAACAACATGAATCCCATCCTAGGAGTGGGAAGATATGCCTA
CCTGAGCAGCGATAGGATCAGCAGTTCGAGGAGCTATATAAATCGGATGTGGATCTGTAGCAAGCTCAAC
AACTATAACCTCCATTGCCAACTCCTCTGTC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001289707
Insert Size: 666 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).
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_001289707.1</u> , <u>NP_001276636.1</u>
RefSeq Size:	2331 bp
RefSeq ORF:	666 bp
Locus ID:	93675
UniProt ID:	<u>Q9WVF9</u>
Cytogenetics:	6 F3
Gene Summary:	<p>Inhibits osteoclast formation. Receptor for KLRB1F. Enhances T-cell activation. Plays a role in splenocyte activation, T-cell responses and IL-2 production.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) lacks an alternate in-frame exon, compared to variant 1. The encoded isoform (3) is shorter than isoform 1.</p>