

## Product datasheet for **MC225968**

### Clec2i (NM\_001289708) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Clec2i (NM\_001289708) 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:** >MC225968 representing NM\_001289708  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGTCCTCACTGTAGCTGTAATTGCTCTTTCTGTTGCTTTGTCAACAAAAAGACAGAACAGATCATAA  
TCAACAAGACCTATGCTGCTTGCTCAAAAACTGGACTGGAGTTGGAAATAAATGTTTTATTTTTCTGG  
ATACCCACGTAAGTGGACATTTGCCAGGCCTTCTGCATGGCACAAGAGGCCCACTAGCTCGGTTTGAC  
AACGAGGAGGAGCTGATTTTCTAAAGAGATTCAGGGGGATTTTGATTGCTGGATTGGCCTGCACAGAG  
AGTCGTCAGAGCACCCCTTGAAGTGGACAACAACACTGAGTATAACAACATGAATCCCATCCTAGGAGT  
GGGAAGATATGCCTACCTGAGCAGCGATAGGATCAGCAGTTTCGAGGAGCTATATAAATCGGATGTGGATC  
TGTAGCAAGCTCAACAATAACCTCCATTGCCAACTCCTCTGTCTAG

**ACGGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI  
**ACCN:** NM\_001289708  
**Insert Size:** 471 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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<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001289708.1</a></u> , <u><a href="#">NP_001276637.1</a></u>
<b>RefSeq Size:</b>	2248 bp
<b>RefSeq ORF:</b>	471 bp
<b>Locus ID:</b>	93675
<b>UniProt ID:</b>	<u><a href="#">Q9WVF9</a></u>
<b>Cytogenetics:</b>	6 F3
<b>Gene Summary:</b>	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] Transcript Variant: This variant (4) lacks two alternate exons in the 5' region and initiates translation at a downstream in-frame start codon, compared to variant 1. The encoded isoform (4) has a shorter N-terminus than isoform 1.