

## Product datasheet for MC211154

### Clec12b (NM\_027709) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Clec12b (NM\_027709) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Clec12b  
**Synonyms:** 4933425B16Rik  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC211154 representing NM\_027709  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGTCTGATGAAGTGACCTATGCGACACTGATGCTTCAGGACTCTGCAAGAGTGAGGGGAATCGGGATG  
GAAATAACCTAAGAAAAGAAGGACACCCAGCTCAATCCTCACTTTGGCGAGGCGCTGCCTTGAGTTTGAT  
GACCCTCTGTTTGGTGCTGGTAACAGGACTGGTGACCTTGCCAATATGTTTTTGCAGGTGTCTAATGAC  
ATTAACTCTGATTCAGAGAAGTTGAGTCAGCTTCAGAAAAGCATCCATCCACAGCAGGACAATCTGTCTG  
AATCACTGAACAGCTCCAGAAAAGAGTCTGACGGAGGAGTCTCTCCAGTCCCAGATCTCTGCCCTACTGGA  
GAGGCAGGAGCAGATGGCTACCAAACCTCTGCAAGGAATTCCTCATCCACGCTTCTGACCATAAATGCAAC  
CCTTGCCCAAGACATGGCAATGGTATGGAACAGTTGCTACTATTTCTCAATCAATGAAGAGAAATCCT  
GGAGTGATAGCAGAAAGGACTGTATAGACAAGAATGCCACTCTGGTGAAGATTGACAGCACCGAAGAAAG  
GGATCTCCTTCAGTCACAGCTGTCCCTCACATTTCTTTCTTTGGCTGGGATTGTCTGGAACCTCATCT  
GGCAGAACTGGCTGTGGGAGGATGGTTCATTCACCCCTCCAACCCTGCTTAGTGACAAGGAGCTTGCGA  
GTTTCAATGGATCCAGAGAGTGTGCTTATTTTGAAGAGGGAATTTACACTTCTCGTGTCTGCTGA  
AATCCCTTGATTGTGAGAAGAGAGCCCTCCCTGGTGAAGATTGAAGATTGGAT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_027709  
**Insert Size:** 828 bp



[View online »](#)

<b>OTI Disclaimer:</b>	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).
<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>	<a href="#">NM_027709.2</a> , <a href="#">NP_081985.1</a>
<b>RefSeq Size:</b>	1523 bp
<b>RefSeq ORF:</b>	828 bp
<b>Locus ID:</b>	71183
<b>UniProt ID:</b>	<a href="#">Q149M0</a>
<b>Cytogenetics:</b>	6 F3
<b>Gene Summary:</b>	Cell surface receptor that protects target cells against natural killer cell-mediated lysis. Modulates signaling cascades and mediates tyrosine phosphorylation of target MAP kinases (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1. Both variants 1 and 2 encode the same protein.