

## Product datasheet for MC226726

### Clec12b (NM\_001204223) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Clec12b (NM\_001204223) 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:** >MC226726 representing NM\_001204223  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCTGATGAAGTGACCTATGCGACACTGATGCTTCAGGACTCTGCAAGAGTGAGGGGAATCGGGATG  
 GAAATAACCTAAGAAAAGAAGGACACCCAGCTCAATCCTCACTTTGGCGAGGCGCTGCCTTGAGTTTGAT  
 GACCCTCTGTTTGGTGTGGTAACAGGACTGGTGACCTTGCCAATATGTTTTGCAGGTGTCTAATGAC  
 ATTAACTCTGATTCAGAGAAGTTGAGTCAGCTTCAGAAAAGCATCCATCCACAGCAGGACAATCTGTCTG  
 AATCACTGAACAGCTCCAGAAAAGAGTCTGACGGAGGAGTCTCTCCAGTCCCAGATCTCTGCCCTACTGGA  
 GAGGCAGGAGCAGATGGCTACCAAACCTCTGCAAGGAATTCCTCATCCACGCTTCTGACCATAAATGCAAC  
 CCTTGTCCCAAGACATGGCAATGGTATGGAACAGTTGCTACTATTTCTCAATCAATGAAGAGAAATCCT  
 GGAGTGATAGCAGAAAGGACTGTATAGACAAGAATGCCACTCTGGTGAAGATTGACAGCACCGAAGAAAG  
 GGATCTCCTTCAGTCACAGCTGTCCCTCACATTTCTTTCTTTGGCTGGGATTGTCTGGAACATCATCT  
 GGCAGAACTGGCTGTGGGAGGATGGTTCATTCACCCCTCAACCCTGCTTAGTGACAAGGAGCTTGCGA  
 GTTTCAATGGATCCAGAGAGTGTGCTTATTTGAAAGAGGGAATTTACACTTCTCGTGTCTGCTGA  
 AATCCCTTGATTGTGAGAAGAGAGCCCTCCCTGGTGAAGATTGAAGATTGGAT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001204223  
**Insert Size:** 828 bp



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<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>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>NM_001204223.1, NP_001191152.1</u>
<b>RefSeq Size:</b>	1609 bp
<b>RefSeq ORF:</b>	828 bp
<b>Locus ID:</b>	71183
<b>UniProt ID:</b>	<u>Q149M0</u>
<b>Cytogenetics:</b>	6 F3
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>