

## Product datasheet for MC208362

### Cd55b (NM\_007827) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cd55b (NM\_007827) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Cd55b  
**Synonyms:** AI323748; Daf; Daf-T; Daf-TM; Daf2; TM-DA; TM-DAF  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC208362 representing NM\_007827  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGATCCCCGCGCAGGCGCCGGGACTTGGTCATCACCACCCTGCTGCTGGTGTCTACTATCGCTGG  
 TGCTGTTGTTCCAACTGTGTGCGGAGACTGCGGCCACCTCCAGACATTCCTAATGCCAGGCCAATCTT  
 GGGCAGACTCCAAGTTTGTGAGCAAAGCAAAGTGGCATACTCGTGAATAACGGCTTAAACAAGTT  
 CCAGACAAGTCAAACATAGTTGTCTGTCTTAAAAATGGCCAATGGTCGAGCCACGAAACATTCTGTGAGA  
 AATCATGTGATACTCCAGAAAGACTGAGTTTTGCATCCCTCAAAAAAGAGTACTTCAACATGAATTTTT  
 CCCAGTTGGTACTATTGTGGAATATGAGTGTGCGCCAGGATTCGAAAACAACCTTCACTCTCAGGAAAA  
 TCAACTTGCCTTGAGGATTTAGTATGGTCTCCAGTTGCTCAGTTTTGTAAAAAATCATGCCCTAATC  
 CTAAAGATCTGGATAATGGTCACATCAACATACCAACCGCATATTATTCGGTTCAGAAATAAATTCTC  
 ATGCAACCCAGGGTACAGGCTAGTCGGTATCACCTCTATTTATGTAATATAGGAAATACTGTTGAT  
 TGGGATGATGAATTTCCAGTGTGCACAGAAATATTTGTCCAGACCCACCAAAAAATCAACAATGGAATA  
 TCGGAGGGGAAAGCGATTCTTATAAATATAGCCAGGTGGTCATTTATTCATGTGACAAAGGCTTCATCCT  
 GTTTGAAATTCTACCATATATTGACTGTGAGCAAGTCTGATGTAGGACAATGGAGCAGTCCACCACCC  
 CAGTGTATAGAGGAATCTAAGGTCCCAATTAAGAAACCAGTAGTTAATGTTCCAAGTACAGGAATCCCT  
 CAACGCCTCAGAAACCCACAACAGAAAGTGTCCAAATCCAGGAGACCAACCACTCCTCAGAAACCTTC  
 CACAGTTAAAGTTCAGCAACCCAGCATGAACCTGATACCAGACAAGAATCTACAGCAAAGGAGAG  
 TCTAACTCAGGTGGTACCGTTATATATATGGATTTGTTGCTGTTATTGCAATGATTGATAGCCTAATTA  
 TAGTCAAACCTTTGGACTATTTAAGTCCAACAGAAGGTCTGACTTCAAGGAAAGGAGAGGAAGGA  
 TGCTCAAAG**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_007827
<b>Insert Size:</b>	1203 bp
<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_007827.3</a> , <a href="#">NP_031853.2</a>
<b>RefSeq Size:</b>	1368 bp
<b>RefSeq ORF:</b>	1203 bp
<b>Locus ID:</b>	13137
<b>UniProt ID:</b>	<a href="#">Q61476</a>
<b>Cytogenetics:</b>	1 56.89 cM
<b>Gene Summary:</b>	<p>This gene encodes an inhibitor of both the classical and the alternative pathways of complement activation. This gene is located adjacent to a closely related gene on chromosome 1 and preferentially expressed in the spleen and testis. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Dec 2015]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>