

## Product datasheet for MC226180

### Cd27 (NM\_001286753) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cd27 (NM\_001286753) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Cd27  
**Synonyms:** S152; Tnfrsf7; Tp55  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >MC226180 representing NM\_001286753  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCATGGCCACCTCCCTACTGGCTCTGCATGCTGGGACCTTGGTAGGACTCTCAGCTACCCTAGCCC  
 CAAACAGCTGTCCAGACAAACACTACTGGACTGGGGGAGGACTCTGCTGCCGGATGTGTGAGCCAGGTAC  
 ATTCTTTGTGAAGGACTGTGAACAAGACAGAACAGCTGCTCAGTGTGATCCCTGTATACCAGGCACCTCC  
 TTCTCTCCAGACTACCACACCCGGCCCCACTGCGAGAGCTGCAGGCATTGTAACCTCTGAGAAGCCATCCT  
 GGCCCTACACAGGCAGCTTCCCAACTCGACTGTCTATAGCCAGCGGTATCCCATAGACCCTGTGCAG  
 CTGGACTGCATCCGGATCTTTGTGACCTTCTCCAGCATGTTTCTTATCTTCGTCCTGGGTGCAATCTTG  
 TTCTTCCATCAAAGAAGAAACCACGGGCCAAATGAAGACCGGCAGGCAGTGCCTGAAGAGCCTTGTCTT  
 ACAGCTGCCCCAGGAAGAGGAGGGCAGTGCTATCCCTATCCAGGAGGACTACCGGAAACCCGAGCCTGC  
 TTTCTACCCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001286753  
**Insert Size:** 573 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><a href="#">NM_001286753.1</a>, <a href="#">NP_001273682.1</a></u>
<b>RefSeq Size:</b>	1396 bp
<b>RefSeq ORF:</b>	573 bp
<b>Locus ID:</b>	21940
<b>Cytogenetics:</b>	6 59.32 cM
<b>Gene Summary:</b>	<p>Receptor for CD70/CD27L. May play a role in survival of activated T-cells. May play a role in apoptosis through association with SIVA1.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) lacks an alternate in-frame exon in the 5' coding region, compared to variant 1. It encodes isoform c, which is shorter than isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>