

## Product datasheet for MC212587

### Gatd1 (NM\_172116) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Gatd1 (NM\_172116) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Gatd1  
**Synonyms:** BC023835; D230016J19Rik; Pddc1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC212587 representing NM\_172116  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGTCCGAGCGGCTGCCAAGCAGGCCTGCGTGTCTCCTGGTGGCCAGCGCGCTCCGAAGGTGTGT  
 CAGCCCAGTCCTTCGTCCACTGTTTCACTGGCCAGTGCTGCCTCAACCTACAGTGGCCACCCAGG  
 GGGAAAGGCCATTGACTTTGTGGATGTGACTGAGAGCAATGCCCGATGGGTACAAGACTCCGCCTCAAG  
 GCATACGCCAGTCCTGCTAAGCTTGAGTCCATAGATGGTCCCGTACCATGCCCTCCTGATTCCCAGT  
 GTCTGGCGCCCTGACAGATCTTCCAGCAGTGGGTCCCTGGCTCGAATACTGCAGCACTCCGCTCTGA  
 GAGCAAACCCATCTGCGCCATTGGCCATGGTGTGCTGCCTGTGCTGTGCTACCAATGAAGATAGGTCC  
 TGGGTGTTCCAGGGCTACAGTCTGACAGGGCCTCAGTGTACGAGCTCATCAGAGCACCTGGCTTTGCC  
 GCCTACCATGATCGTTGAGGACTTTGTGAAGGACTCTGGTGTGGCTTCAGTGCCAGTGAGCCCGACGC  
 TGTGCACGTGGTGTGGACCGCCATCTGGTCACTGGCCAGAACGCTAACTCCACAGTTCCTGCTGTCCAG  
 AACCTGCTTTCCTCTGCGGCAGCCGGAAG**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_172116  
**Insert Size:** 663 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>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_172116.4</a></u> , <u><a href="#">NP_742114.3</a></u>
<b>RefSeq Size:</b>	1497 bp
<b>RefSeq ORF:</b>	663 bp
<b>Locus ID:</b>	213350
<b>UniProt ID:</b>	<u><a href="#">Q8BFQ8</a></u>
<b>Cytogenetics:</b>	7 F5