

## Product datasheet for **RN217072**

### Gramd1c (NM\_001191826) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gramd1c (NM_001191826) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gramd1c
Synonyms:	RGD1305433
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN217072 representing NM\_001191826  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGGGCGCTCTGACGGCCCGCAGATAGTAAACGACGGGATTCAAGTCTTGCCACGGAGCTACAGG  
 GAGAGTTGGAGGAAAATTCTAGCCCGGCTGTGGATGAGAGTATAGTTTCAGCCAAAAACAGGGACCAAG  
 CACACACAATTGGAGCGGCGACTGGAGCTTTTGGATCTCGAGCTCCACCTACAAAGACAGGAACGAGGAA  
 TACAGGCAGCAGTTCACACACCTGCCGACTCCGAAAAGCTGATAGCAGATTACGCTTGCCTCTTCAGA  
 GGGATATCTTGCTTCAGGGGAGGCTGTACCTTTCAGAAAAGCTGGCTGTGTTTCTATAGCAACATCTTCAG  
 ATGGGAAACCACAATTTCTATTGCTTTAAAGAATATAACCTTTATGACCAAGGAGAAAAGTCTCGACTC  
 ATCCCAAATGCTATCCAGATCATCACAGAGGGGAAAAGTTTTTCTCACGTCTTTTGGTCCAGAGACA  
 GAAGTTACCTGAGCATATTTAGGTTGTGCAGAATGTATTGCTAGATAAGAGCCTGACCAGACAGGAGTT  
 CTGGCAATTGCTCCAGCAGAATATGGCACCGAAGTAGGATTAACGCTGAAGAAATGGAACACTTGTCG  
 CTATCAATTGAAGAAAACGTGCAGCCAAGAAGTCCAGGAAGAAGCAGCGTGGATGACTCTGGGAAAGAG  
 ACGAGAAGTTCTCCAAGGCCATCAGTTTGACACACGAGTCAGTTAGCAGAGCTTCAGAAAACAGATCATT  
 GGATGGAAACTACCGGAAAAGAGGATTAGGAAAAGAGGGGTCTCAGAGTGAGAGACAGTGGAGAAAAGT  
 CCTTCCCTAGCTTCAGAAAAGAAGTTAGGCAGAGTGCCCTCCAAGACACTGGACTTGAATAAGAATGAGT  
 ACCTTTCTCTGGACAAGAGCAGTACTTCAGATTCTGTGGATGAAGAAAATATCCCGAGAAAAGATCTTCA  
 AGGAAGACTCTATATCAACCGAGTTTTTACATCAGTGTGAGAGAATGTTTGAATTGCTCTTACCAGC  
 TCACACTTTATGCAGAGATTTACTAATTCTAGAAACATAATAGATGTGGTGTCCACCCCTGGACAGTTG  
 AATCTGGAGGCGATCAGCTGAGAACCAGTACACTACACTATAGTCCCTCAGCAATCCACTTACGGGCAATG  
 TACTGCCGCCACGAAAAGCAGACACTGTATAAAGAGAGCCGGGAAGCCAGTTTTATTTAGTAGATTCA  
 GAAGTGCTGACACACGAGTCCCTACCACGACTACTTCTACACTTTGAATAGATACTGCATCGTGCGCT  
 CTGCAAAAACAGAGGTGCAGGCTGAGAGTCTCCACAGACTTGAATACAGGAAAACAACCGTGGGGCCTTAT  
 CAAGTCTTTAATCGAGAAGAATTCCTGGAGTTCGCTGGAGAACTATTTCAAACAGCTTGAATCAGATTTG  
 TTAATGGAAGAGTCTGTGTTGAGTCAACCCATGGAAGATGCTGGAAAAGTTCAGCAGCTACGCCGAGAC  
 GGCGGACCTTGAACCGGACAGCAGAGCCGTTCCAAAGCTGCCCTCTCAGCGCTCTCTACAGATTTGGG  
 CTTTCGAGGCCAAAGACGATATTACAGGAAAGAGAAAGGCAGTGGACAGTTGTGACTGCCCTTATCGTG  
 GTGATGAGCGTATTTTTGCTGCTGCTAGTCTGCTGAATGTGACTGTTTCTGAAGTTGTCAAAGATAG  
 AACACGCCACCCAGTCTTCTACAGCTTACCTCCAAGGAGAGAAATCTTTAAATTTAGTCTCTGACAG  
 GCTCTCAAGAACGAAAATATTTCAAAGAACAAGATCAGGCCACCGTTTTAAAGGAGTACTCCAGGAT  
 TCCATAGTGATGTTGGAACAGCTGAAGAGCTCACTCATTATGCTTCAGAAAACCTTTGATTTACTAAACA  
 AGAACAAGTCTGGGGTGGTTGTGGAGAGC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001191826

**Insert Size:** 1992 bp

**OTI Disclaimer:** 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).

**OTI Annotation:** 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_001191826.1, NP_001178755.1</u>
<b>RefSeq Size:</b>	1992 bp
<b>RefSeq ORF:</b>	1992 bp
<b>Locus ID:</b>	360717
<b>Cytogenetics:</b>	11q21