

## Product datasheet for **MC217946**

### Gramd3 (BC057978) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gramd3 (BC057978) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gramd3
Synonyms:	9030613F08Rik; 9130427A09Rik; AW061306; NS3TP2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >BC057978  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGTGAAGAAACGGCTTTCCTCCAGTGACAATGTGTTCAAGTTCGAGATCCCCAGCAACTCGAAGACCA  
 GTGCTGAGGCCCCACACAGCTCCACTGACAGCCCAAGCTCCGTGTTTCTCAGCTCAGAGGCTGAGAATGG  
 TCGCGAGGACAGAAGGAGGGTCAGCAAGTCGCCAACAGCCCAATCTCCTACCTCATCTGTGGAGGCCGAG  
 TCCCCGGACCAGAAGAGGAGCCTTGGCCTGTGGTCAAATCCAGTTTTGATGGTTCAGTTTGTGAGTG  
 ATAAGAATGACTGTAAAAGTAAAGCAAGACTGACTCTAAGACCGAAAGAAAAAGTCTTCATCGTCTAG  
 TCAGTACAAGGCAACATGCACCTTTCACAAGTTATTCCTGGATGCCAACTGAAGAGCCACTGAGGCAA  
 AGCTTTACCTGTGCTCTTCAGAAAGAAATTCGTACCAAGGAAAGCTCTTGTGTCGGAAAAGTGGATTT  
 GTTTTCATTCCAAGGTCTTTGGAAAAGACACTAAGATCTCCATCCAGCTTTCTCGGTAACCTTGATCAA  
 GAAAACAAAAGTCCCTTCTGGTGCCAAACGCCCTGATCATCGGACGGTCCAGACAGGTACATATTC  
 GTTTCCTGTGCTGCCAGAGACTCAACTACAACTGATAAAATCTGTGTGCGGACACTTAGAGAAAACAA  
 GTGTTGGTAACAGTCCCAACCCATCTTCTGCTGAAAACAGTTTCCGGGCAGATCGCCCTTCTGCTCTGCC  
 TCTGGATTTCAATGATGAATTCAGACCTGGACGGAGTGGTTCGACAACGAAGGCAAGACTTGGAAAGGA  
 TACAGCAGCTCAGGATCCAGACTCCGGAATCTGAGAATCCCGAGACTCCACGTGACCGAATCTCAGA  
 CAGTTCTGAATGTCACAAAGGGAGAAAACAAACCCCTCGGACAGATGCCACGGGAGCAGAGCGCCTGA  
 TGGAAAAGCCAAGATCCTGCCTGCCATGGTCAATCAGAACTATTGGAATTTACATAAAATGGAGTCT  
 CGGAAGTGCCCGACTCTCCATCACATCCTGATAGTCTATGCAATTATTGTCTGTGCCCTGATCATCTCCA  
 CCTTCTACATGAGATACAGGATTAACACTCTGGAGGAGCGCTGGGGACGCTGACGTCCATCATGGATCC  
 CCACAGTACTGAGCAGACAGCCCATCCGGCCTGGGATCACAAATGCAGTTAAATGTGGAGGTCTCTGC  
 CAAGAACTTACAGCTAACATAGTAAATTGAAAAGATACAAAACAACCTACAAAAGCTGCTTGAGAATG  
 GTGACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** BC057978

**Insert Size:** 1338 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).

**Components:** 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).

- Reconstitution Method:**
1. Centrifuge at 5,000xg for 5min.
  2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
  3. Close the tube and incubate for 10 minutes at room temperature.
  4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
  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.

RefSeq: BC057978, AAH57978  
RefSeq Size: 2409 bp  
RefSeq ORF: 1337 bp  
Locus ID: 107022  
Cytogenetics: 18 D3