

Product datasheet for **RN203944**

Gramd3 (NM_001014011) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gramd3 (NM_001014011) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gramd3
Synonyms:	Gramd2b; RGD1311016
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203944 representing NM_001014011
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGAAGAAACCGATTTCCTCCAGTGATGAGGTGTTCAAGTTCGAGATTCACAGCAGCCCGAAGAGCA
 GTGCTGGGGCCTCACACAGTTCCTACTGACAGCCCAAGCTCCGTGTTTCTCAGCTCAGAGGCTGAGAATGG
 CGTGGAAGACAGAAAGAGGTTTCAGCAAGTCGCCAACAGCCCAATCTCCTACCTCATCTGTGGAGGCCGAG
 TCCCCGGACCAGAAGAGAAGCCTCGGTCTGTGGTCAAAATCCAGTTTTGATGGCTCCAATTTGTTGAGCG
 ATAAGAATGACTGTAAAACCGAAAGCAAGGCTGACTCTAAGACCGAAAGAAAAAGTCTTCTCCTCCAG
 CCAGTACAAGGCAAAACATGCACTTTACAAAGCTATTCCTTGATGTCCAACCGAGGAGCCCTGAGACAA
 AGCTTTACCTGTGCTCTCCAGAAAGAAATTCGTACCAAGGAAAGCTCTTGTGTCGGAAAAGTGGATTT
 GTTTTCATTCCAAGTCTTTGGAAAAGACACTAAGATCTCTATCCAGCCTTTTCGGTAACCTTGATCAA
 GAAAACAAAAGTCCCTTCTGGTGCCAAATGCCCTGATCATAGCGACGGTCACAGACAGGTACATATTC
 GTTTCCTTGCTGTCCAGAGACTCAACTACAAACTGCTAAAATCTATTTGCGGACTTAGAGAACACAA
 GTGTCCGGGAACAGTCCCAACCCATCTTCTGCTGAAAATAGCTTCCGGGCAGATCGCCCTTCTCTGCG
 TCTGGATTTCAATGATGAATTCAGACCTGGACGGAGTGGTTCAACAACGAAGGCAAGACTTGGAAAGGA
 TACAGCAGTTCGGCTCCAGACTCCAGAACTCGAGAATCTCGAGACTTCCATGTGACCGAATCTCAGA
 CAGTTCGAATGTCACAAAGGGAGAAAACAAACCCCTCGGACAGATGCCACGGGAGCAGAGCGCCTGA
 TGGAAAAGCCAAGATCCTGCCTGCCATGGTCAATCGGAAACTATTGGGATTTACATAAAATGGAGTCT
 CGGAAGTGTCCAACCTCTCCGTATATCCTTATATTCTACGCCATTATTGTCTGTGCGTTGATCATCTCCA
 CCTTCTACATGAGATACAGGATTAACACTCTGGAGGAGCGCCTGGGGTCTTGACGTCCATCATGGATCC
 CCACAGTACTGAGCAGACAGCCCTCCAGCTAGGATCACAAGTACAGTTAAATGTGGAGTCCCTCTGC
 CAAGAAGTACAGCTAACATAGTGACATTAGAAAAGATACAAAACAACCTACAGAAGCTGCTTGAGAATG
 GGGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001014011

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: [NM_001014011.1](#), [NP_001014033.1](#)
RefSeq Size: 2584 bp
RefSeq ORF: 1338 bp
Locus ID: 307288
UniProt ID: [Q5FVG8](#)
Cytogenetics: 18q11-q12.1