

## Product datasheet for **SC322307**

### GRAMD2B (NM\_023927) Human Untagged Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids                      |
| Product Name:             | GRAMD2B (NM_023927) Human Untagged Clone |
| Tag:                      | Tag Free                                 |
| Symbol:                   | GRAMD2B                                  |
| Synonyms:                 | GRAMD3; NS3TP2                           |
| Mammalian Cell Selection: | Neomycin                                 |
| Vector:                   | pCMV6-AC (PS100020)                      |
| E. coli Selection:        | Ampicillin (100 ug/mL)                   |



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**Fully Sequenced ORF:**

>OriGene sequence for SC322307  
 CCCGGGAGCTTGGCGCGGCCCGGCTGGATGCGCTGGCGGAGGGTGCAGGGGAGGGCAC  
 GGCGCCGCTTGGCTTGGCTGCGCACCCGGACCTAGAAGCCGGGACGAGCCGGGGCAGAGC  
 CAGGCGCGCGGAAGTCTGAAGGTGCCCTCCAGACACGGCCCCGATGACTGAACTACAGCA  
 AGATGTGGAAGACACAAAGCCTGCGAAAGTGTCTGGGAAGAGGGAGCAAACTTGGTCTC  
 AGCCCACTCAGAGGCTGAGAATGGTGTGGAGGAGAAAAAGAAAGCCTGCAGGTGCCCAAC  
 AGCCCAATCCCTACCCCATCTGTGGAGCGGACTCCCCAGACCAGAAGAAAAATCATTAG  
 CCTATGGTCAAAATCCAGTTTTGATGGTGCCTCTTTAGCAAGTGATAAGAACGACTGTAA  
 AACAGAAAGCAAAATGACCCTAAGACTGAAAGAAAAAGTCTTCATCTTCCAGCCAGTA  
 CAAGGCCAATATGCACTTTCACAAGTTGTTTTCTAGTGTCCCAACGGAGGAACCACTGAA  
 GCAAAGCTTTACCTGTGCTCTACAGAAAGAAATACTATACCAAGGAAAGCTCTTTGTATC  
 AGAAAAGTGGATTTGTTTTATTCCAAAGTCTTTGAAAAAGACACAAAGATCTCTATTCC  
 AGCTTTCTCGGTAACCCTAATAAAGAAAACAAAAGTCTTCTAGTGCCAACGCCCT  
 GATCATAGCAACAGTCACAGACAGGTACATATTTGTCTCCTTACTCTCCAGAGATTCAAC  
 TTACAAACTACTAAAATCTGTGTGGACTTAGAAAAACAAGTGTGGTAACAGTCC  
 CAATCCATCTTCTGCTGAAAACAGTTTCCGAGCAGACCGCCCTTATCTCTGCCTCTGGA  
 TTTCAATGATGAATTCTCAGATCTGGATGGAGTGGTTCAACAAAGAGGCAAGACATGGA  
 AGGATATAGCAGTTCTGGTTCTCAAACCTCTGAATCTGAGAACTCTCGAGATTTCCATGC  
 GACAGAAATCCCAAACAGTTCTGAATGTCTCCAAGGAGAAGCAAAGCCTCGGGCAGA  
 TGCCCATGTGAACAGAGTACCTGAAGGAAAAGCCAAGAGTCTCCCTGTACAGGGTCTGTC  
 AGAAACTGTTGGAATCTTACATAAAGTCAAGTCTCAGAAATGCCGATGCTTACCATAT  
 TCTTATATTCTATGCAATTGTTGTCTGTGCACTAATCATCTCGACCTTCTACATGAGATA  
 CAGAATTAATACTCTGGAGGAGCAGCTGGGGTTACTAACCTCCATTGTGGACACCCATAA  
 TACTGAACAGGCAGCACCATCTGGCCTGAGGTCAACAAGTACAATTCATGTGGAGTTCT  
 CTGTCAAGAGCTTACAGCTAACATAGTGAATAGAAAAGATACAAAATAACTTACAGAA  
 GTTGCTTGAGAATGGTACTGATCGACCAGATTGCTTGGGCCATCGGAATACCTCATGTT  
 TCCCTTTGAAGAAGGTGCTTCTGAGGCGTTTTGTTGAGTGCACCCTGCTGGTCAGAGG  
 TGCAAGCAGATGAGAATCCAGACATTGCATGTGGAGGTCTCCAGCTCAGGAAAGTGAGGA  
 GGGAAATAATTTGGTCTTGTGCAATAAAAGTTGACCTTGACTCTCTGAGGAAGATTTT  
 GCTGCTTTTGCCTGAAGAAAACAGACCCATCTCTGGAGGTCTCAGGAAGGGCCCAGCGAA  
 CACTCTCTTGGATAATTACCAGATGGCGTCAGCAAACTCCACCCTGTGCCTTTTT  
 AGTCCTTCCCAGCCTCCTGCCTTCCCTTACACCCTCTTAACGACTTTCAAACCTAAAGG  
 ATACATCATATACTGACAAACTCAATGTGGTCTTTCAAGAATTAGCCATGAGTCTCAA  
 AAGGCAATAAATGGCTCTAAGTGGACAGGTTTGCTTCAAACAAGTAACATCTACATTTTG  
 TCTTTTTTTTTTTCAGTCTCCTGTTATGTTCTGGTTGAAATCACCTGTGTGCTTAATTT  
 CTCAATTCCTTTTTGGCAAGAATATCAAGCAAGGTGAATTTAACATTATGTTTATGTTTT  
 GTTTTGTGCTGTAACATAAGTTAATTGGACTGATTCTTACCCAGCCCTGGTCAAGAAT  
 CTGTGAGGCATGTGACTGAAGTACTAAATTAACCTATTTTGAACCAAACTAATTTTT  
 AAGCCAAAAGGTGTAATAGTGATTTAATACAGGATGAAAAACACTGAATTTTTAAGACTG  
 TAGGTGGACTATGTTAGTATTTTTCAAGCAGGATGTCTGTATTACAGCATTCAATAATGCT  
 AAAATCCCTTTAGCATGAAATTTGATGTTTTTATCCTTTGCTGACTAAAATAAAATAA  
 CTGGTGGTTTGCTAACTATTTAAAAAAAAAAAAAAAAA

**Restriction Sites:**

Please inquire

**ACCN:**

NM\_023927

**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).

|                               |   |
|-------------------------------|---|
| <b>OTI Annotation:</b>        | This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.  |
| <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>                | <a href="#">NM_023927.1</a> , <a href="#">NP_076416.1</a>   |
| <b>RefSeq Size:</b>           | 2912 bp   |
| <b>RefSeq ORF:</b>            | 1299 bp   |
| <b>Locus ID:</b>              | 65983   |
| <b>UniProt ID:</b>            | <a href="#">Q96HH9</a>  |
| <b>Cytogenetics:</b>          | 5q23.2  |
| <b>Domains:</b>               | GRAM  |
| <b>Protein Families:</b>      | Transmembrane   |