

Product datasheet for SC112342

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:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC112342 sequence for NM_023927 edited (data generated by NextGen Sequencing)

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ATGACTGAACACAGCAAGATGTGGAAGACACAAAGCCTGCGAAAGTGCCTCGGGAAGAGG
GAGAGCAAACCTTGCTCAGCCCACTCAGAGGCTGAGAATGGTGTGGAGGAGAAAAAGAAA
GCCTGCAGGTCGCCAACAGCCCAATCCCCTACCCCATCTGTGGAGGCGGACTCCCCAGAC
CAGAAGAAAATCATTAGCCTATGGTCAAAATCCAGTTTTGATGGTGCCTCTTTAGCAAGT
GATAAGAACGACTGTA AACAGAAAGCAAAAATGACCCTAAGACTGAAAGAAAAAGTCT
TCATCTTCCAGCCAGTACAAGGCCAATATGCACTTTCACAAGTTGTTTCTTAGTGTCCCA
ACGGAGGAACCACTGAAGCAAAGCTTTACCTGTGCTCTACAGAAAGAAACTATACCAA
GGAAAGCTCTTTGTATCAGAAAAGTGGATTTGTTTTTCATTCCAAAGTCTTTGGAAAAGAC
ACAAAGATCTCTATTCCAGCTTTCTCGGTAACCCTAATAAAGAAAACCAAACTGCTCTT
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CTCTCCAGAGATTCAACTTACAACTACTAAAATCTGTGTGTGGACACTTAGAAAATACA
AGTGTGGTAACAGTCCCAATCCATCTTCTGCTGAAAACAGTTTTCCGAGCAGACCCGCCCT
TCATCTCTGCCTCTGGATTTCAATGATGAATTCTCAGACTGGATGGAGTGGTTCAACAA
AGAAGGCAAGACATGGAAGGATATAGCAGTTCTGGTTCTCAAACCTCTGAATCTGAGAAC
TCTCGAGATTTCCATGCGACAGAATCCCAACAGTTCTGAATGTCTCCAAGGGAGAAGCA
AAGCCAACTCGGCAGATGCCCATGTGAACAGAGTACCTGAAGGAAAAGCCAAGAGTCTC
CCTGTACAGGGTCTGTACAGAACTGTTGGAATCTTACATAAAGTCAAGTCTCAGAAATGT
CCGATGCTTACCATATTCTTATATTCTATGCAATTGTTGTCTGTGCACTAATCATCTCG
ACCTTCTACATGAGATACAGAATTAATACTCTGGAGGAGCAGCTGGGGTTACTAACCTCC
ATNNNNNNCACCCATAATACTGAACAGGCAGCACCATCTGGCCTGAGGTCACAAGTACAA
TTCAATGTGGAGTTCTCTGTCAAGAGCTTACAGCTAACATAGTGAAATTAGAAAAGATA
CAAAATAACTTACAGAAGTTGCTTGAGAATGGTGACTGA

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Clone variation with respect to NM_023927.2
1143 t=>n;1144 g=>n;1145 t=>n;1146 g=>n;1147 g=>n;1148 a=>n



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_023927 unedited GTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCCGACGTGTCCAGGTCC GCGGCCCGGGAGCTTGGCGCGGCCCGCCTGGATGCGCTGGGCGGAGGGTGCAGGGGAG GGCACGGCGCCGCTTGCTTGGCTGCGCACCCGGACCTAGAAGCCGGGACGAGCCGGGGC AGAGCCAGGCGCGGGAAGTCTGAAGGTGCCCTCCAGACACGGCCCCGATGACTGAACTA CAGCAAGATGTGAAGACACAAAGCCTGCGAAAAGTCTCGGGAAGAGGGAGAGCAAACTT GGCTCAGCCCACTCAGAGGCTGAGAATGGTGTGGAGGAGAAAAAGAAAGCCTGCAGGTCTG CCAACAGCCCAATCCCCTACCCATCTGTGGAGCGGACTCCCCAGACCAGAAGAAAAATC ATTAGCCTATGGTCAAAATCCAGTTTTGATGGTGCCTCTTTAGCAAGTGATAAGAACGAC TGTAAACAGAAAGCAAAATGACCCTAAGACTGAAAGAAAAAAGTCTTCATCTTCCAGC CAGTACAAGGCCAATATGCACTTTCACAAGTTGTTTTCTAGTGTCCCAACGGAGGAACCA CTGAAGCAAAGCTTTACCTGTGCTCTACAGAAAGAAATACTATAACCAAGGAAAGCTTTT GTATCAGAAACTGGGATTTTGTTCATTTCCANAGTCTTGGAAAAACAACAAAGATCT CTATTCAGCTTNTCTCGGTAACCCCTATAAAGAAACCANACTGCTCTTCTAGTGCCAAC GCCCTGATCTAAGCACAGTACAGACAGTCCCCATTTTTGGCTCCTACTCTCCAGAGATCA CTTACACACTANANNTNTGGGGGGGGGACTANAAAAAAAAGGGGGGGGAAACGTCCAA TCATCTTGTGGAACAGGTTTCGAGAGACCCTCTTCTNTTTTGA</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_023927 unedited GCGGCCGCAATCTAGNATCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTGACTTCAAATTC TTTTCTTTCCTTAAACCGTTGTAACCCAAGAACTTAAATCCTTTTTTAGTTTTGAAATG ATTACTTTGGGAGGAAGGAAGTATAAGTGAGTTGGTAGTAGTAGATGGCAGGTGAAAAAG AGTTAAAAAGCATAGTTAAGTCTTGGTTAAAGGAATTTACGAACAGCAAAACACAGTGT TAGCAGGGTGTTCACCAATGAGTATTTATTAAGCCAGAGGTGCACCAGGCACAGCT GTCCACTAGGCCAACAGATACAAACGATGTAACCAATTCGCTTATTAGCTTATCTGATTA AATAAAATACATTTTATAGAAATGATTATCAAATGCATTGCAGATAGAAACAGAAATATCC TTTGACTTACAGATCTTATGATACCCTAAACAATTTAATAAAAAACCAGCCAACCCAT ATGGTAAATAGTTAGCAAACCACAGTTATTTTATTTTAGTCAGCAAAGGATAAAAAACAT ACAAAATTCATGCTGAAAGGGATTTTAGCATTATTGAATGCTGAATACAGACATCCTGCT TGAATACTACTAACATAGTCCACCTACAGTCTTAAAAATTCAGTGGTTTTTCATCTGTAT TAAATCACTATTACACCTTTTGGCTTAAAAATTAAGTTTGGTTTTCAAAATTAAGTTAATT TAGTACTTCAGTACATGCCTCACAGATTCTTGACCAGGCTGGGTTAGAATCAGTCCAA TTAACTATTAGTTATCAGCACAAAAACAAACATAAACCATATGGTAAAATTCACCTTGCT TGATATTTCTTGCCAAAAAGGAATTGAGAAAATTAGACACACAGGTGATTTTCACCAGGA CCATACAGGAGAACTGAAAAAAAAGACAATTGTAGATGTTACTTGTGTTGAAGCAAACCTG TCCCTTATACCATTNATTGCCTTTTGGAGACAT</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_023927
Insert Size:	3100 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_023927.1](#), [NP_076416.1](#)

RefSeq Size: 2912 bp

RefSeq ORF: 1299 bp

Locus ID: 65983

UniProt ID: [Q96HH9](#)

Cytogenetics: 5q23.2

Domains: GRAM

Protein Families: Transmembrane