

Product datasheet for **RN208120**

Gsdma (NM_001108297) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gsdma (NM_001108297) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gsdma
Synonyms:	Gsdma1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN208120 representing NM_001108297
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACTATGTTTCGAGAATGTCACCCGGGCGCTGGCTAGACAGCTGAACCCCTCGAGGGGATCTGACACCCC
 TAGACAGCCTCATTGACTTCAAATGCTTCCATCCCTTTTGCCTGGTGCTGAGGAAGAGGAAGAGTACACT
 GTTCTGGGGGCCCGCTACGTCGCCACCGACTACACTCTCCTGGATCTGCTGGAGCTGGCAACACCCCC
 TCAGATCCAACAGATGGCGGAACTTCAGCTTTAAGAATATGCTGGATGCCCGGGTTCGAGGGGGACGTGG
 ACGTGCCGAAGACAGTGAAGGTAAGGGGACCGCAGGCCGTGCACAAAGCAGCACACTGGAGGTGCAGAC
 ACTCAGCGTAGCTCCCAAGGCTCTGGAGAGCCTGCACAAAGAGAGGAACTGTCAGCAGATCACCCATTT
 CTGAAGGAGATGTGGAAACGCGGGGAGAACCTGTATGTGGTGATGGAGGTGGTGGAAACCGTGCAGGAAG
 TCACTCTGGAGCGAGCTGGCAAGGCAGAGGGCTGCTTCTCTCCCTTCTTTGCCCACTGGGACTACA
 GGGATCCTTAAACCACAAGGAGGCTGTAAACCATTCCCAAGGGCTGTGTCCTGGCTTATCGAGTGAGACAA
 CTGATGGTCAATGGGAAAGATGAGTGGGACATCCACACGTTTACAATGACAGCATGCAAACCTTCCTC
 CCGGAGAAAAGCCAGGAGAAGGGAAATTCATACTGATCCAGGCATCTGATGTCGGGGAGATGCACACGCA
 CTTCAAGACATTAAGAAGAGGTTTCGGCGTGAGACTCGAGAAATAGAGAAGTTGAGTCAAGTGGGGCGA
 AGCTCCCTACTCACTTCCTCAGACATCTCTAGGAAAGAAGAAAGAGCTCCAGGACCTTGAGCATAACG
 TTGAAGGGGCTCTAGACAAGGGACAGAAAGTACCCTGGAAGCACTCCCAAGGATGTCCTGCTGTCGAA
 GGATGCTATGGACGCCATCCTATACTTCCTTGGGGCTCTGACAGTGCTAAGTGAAGCCAGCAGAAGCTT
 CTAGTAAATCCTTGGAGAAAGAGATCCTACCCTGCAACTGAACTGGTGAAGCACCTTGGAGCAGA
 ACTTCTGCAAGATAAAGAAGGTGCTTCCCTGCGGCCTGACCTGCTCTCCTCCCTCGGGGAGGAGGA
 ACTGACCCTAACAGAAGCACTGGTGGGACTAAGCGGCCTGGAAGTCCAGAGGTCCGGCCCCCAGTACACG
 TGGGATCCAGACACCCTCCCCACCTCTGTGCCCTCTACGCTGGTCTCTCCTCCTTCAGCTGCTAAGCA
 TGGGTTCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108297
- Insert Size:** 1341 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_001108297.1](#), [NP_001101767.1](#)
RefSeq Size: 2910 bp
RefSeq ORF: 1341 bp
Locus ID: 360619
Cytogenetics: 10q31