

Product datasheet for **MC216735**

Gsdmc3 (NM_183194) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gsdmc3 (NM_183194) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gsdmc3
Synonyms:	9930109F21Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216735 representing NM_183194
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCTACAGTTTTGACCGGGCTAGCAAGGATGTGGTTAAAAAGCTTCAAGGAAGAGATCTGAGGCCTG
 TGGAAATGCTTGTGATGCAACCAATTCGCCTATTTACATACTCCAGGAGACTCCTCGATCAGGTTG
 GGAAACTGAAGATATTCCAGTTGGATTTACCCTTCTGGATCTCTTGGAGCCCAACTTTCTGTTCCAGAG
 CCTGAAGTGTCTGCTCCCAAGCCCTTACATACATGTCCAATCAACGGACCTGGAGGCTAATTGAATGTCG
 CAGACATTGCAAGAGGAGGTGTAGGGTATGTTGGGTACGGTGGATAACAATCGAGGTTCCAGAGTACAAG
 CATCCCAATCCAAAACGGAAATTTCTTCAAACAGGAACTGTTGGATAAGTTGCCACATTTATGAAG
 TTTTGCCGGATGGAAAGGAAGAACCTGTATGTGGTGACAGAGGCTTATGAAGTGTCCAAGGATACTATGC
 TGACAGGCTTAAGCAGTGTCAATCTTTAGTTAAAGGGTCTTCAAACAGCTTTTCAAGGTTCCGAGGCAA
 GCGGGGAAGTCCGAAAAGTATTCAATACCTATCCCAAAGGGTTCGGTGTGGCCTATAAGAAGCAGCAA
 CTTGTCTTGAAGAATAACACTTGTGTCTCTCCCTTCTGCTACTAAGAAGAAGATGACCTTTCCAGGCA
 CACCTAAGTACGCTTCTGCTTCCGAACCCACTGAGATTTATAGAACAGAATTACAAGTTTGTGGATAAA
 TGACATCGAACCAATTGGAGAATCCAGGAGCCCGCCCATCTAGATTTCAAGTGCCTACAATATGAAGTT
 TCTGAACAAACACGACTACTGCCTGAACTCTCAAAGGATGTTCAAGAAGTTGTGTGTCCAGTTTCTGT
 CCATGCTCTATGAAGGTGACAGGAACGTTCTGCATGACCTGATGAAAAATGCTGGAGTTGAGTCAGTTGGG
 GCATATGGATGGCCAGGTGGCAAAATCCTGGATGAGCTTCGAAAGGATTCTAGCAACCCATGTGTTGAC
 CTAAGGACCTCATTCTTTATCTCTTCAAGCGCTGATGGTGTCTCAGTGATAGCCAACCTCAATCTGCTGG
 CCCGGTCTGTGGAGATGCGGCTCTCCCGCACCAAGTAGAGCTGGTAACGAGCATCTACAGCCAACTT
 CAAGTATCCCTGGAACATTCCCTTACAGTCCAGCCTCAGCTTCTTGCCCACTCCAGGGTGAGGGCTTG
 GCCATTACTTATGAATTGCTGGAGGAGTGTGGTCTGAAGATGGAGCTGAATAATCCAGGTCAACTTGGG
 ATTTGGAAGCCAAGATGCCCTTGTCTGCTCTATGGAAGCCTGTCAATTTTACAGCAACTTCAGAAGGC
 TAACTCTCTTCAAGCCAGCCTCCGACCTGGATACATT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_183194
Insert Size: 1443 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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:	<ol style="list-style-type: none">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:	<u>NM_183194.3</u> , <u>NP_899017.2</u>
RefSeq Size:	2142 bp
RefSeq ORF:	1443 bp
Locus ID:	270328
UniProt ID:	<u>Q8CB12</u>
Cytogenetics:	15 D1
Gene Summary:	The N-terminal moiety promotes pyroptosis and exhibits bactericidal activity. The physiological relevance of these observations is unknown.[UniProtKB/Swiss-Prot Function]