

## Product datasheet for **MC217301**

### Gsdme (NM\_018769) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gsdme (NM_018769) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gsdme
Synonyms:	2310037D07Rik; 4932441K13Rik; Dfna5h; EG14210; Fin15
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC217301 representing NM\_018769  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTTTGCCAAAGCAACTCGAAATTTTCTAAAGAAGTTGATGCTGGAGGAGACCTGATTCAGTCTCAC  
 ACTTGAACGACTCTGACAAGCTGCAACTTCTAAGTCTGGTGACCAAAAAGAAGAGATACTGGTGCTGGCA  
 GAGACCCAAGTACCAGATTTTATCTGCCACCCTGGAAGATGTA CTACAGAAAGGGCACTGTCTCAGTCCA  
 GTGGTTGTGGAGTCACTTCGTGAAATACGAGAGCAAGTGTGAGAACCATAAGAGCGGGGCTATTGGGA  
 CAGTCTGGGGAAAGTCAAGCTGAACGTTGGTGGCAAAGCGTGGTGGAGAGTCACTCTTCGTTTGGAAC  
 CCTGAGGAAGCAGGAGGTGGACGTGCAGCAGCTCATCCAGGATGCCGTCAAGAGAACAGTTAATATGGAC  
 AACCTGGTACTTCAGCAGGTGCTAGAGAGCAGGAACGAGGTCCTGTGTGCTGACGCAGAAGATCATGA  
 CCACGCAGAAGTGCCTGATTTCTGAGCATGTGCAGTCCGAGGAGACGTGTGGAGGCATGGTGGGGATCCA  
 GACCAAGACTATACAGGTGTCAGCAACGGAGGATGGGACGGTCACCACGGACACCAATGTAGTGCTGGAG  
 ATCCCTGCTGCCACCACATTGCCTATGGCATCATGGAGCTGTTTGTGAAACAAGATGGCCAGTTTGAAT  
 TCTGCCTCCTCCAAGGAAACATGGTGGCTTCGAGCATGAGAGGAACTAGACTCTGTCTACTTGGACCC  
 CCTGGCCTACAGAGAGTTCGCCTTTCTGGACATGCTGGATGGGGGTCAAGGGATCTCTTCGAGGACGGG  
 CCCCTACGAGTTGTAACAAGCAACCCCTGCACCTAGAGAGGAGTTTCCATCCCTTTGCGGTGTTACCTG  
 CCCAGCAGCAGAGGGCGCTGTTCTGTGCTCCTGCAGAAAATCCTGTTTGATGAAGAACTCCTTCGGGCCCT  
 GGAGCAAGTGTGTGATGATGTGGCTGGTGGTCTCTGGTCTCACAGGCTGTATTGGCAATGGAGGAGCTG  
 ACCGACAGTCAGCAGCAGGACCTCACAGCCTTCTTGCAGCTGGTGGGATACAGGATACAAGGAGAGCATC  
 CTGGCCACAGGATGAGGTGAGCAACAGAGCTCTTTGCAACAGCCTACTTCTGGTCAAGCAGCATAGC  
 AGAAATGCCTGATAATGCCACAGTTTTCTGGGACTTGCTGCAAACTCCATGTTATTTCTTCGCTGTGC  
 TGCTTGCTCCATGCTCTGTCTGATGACAGCGTGTGTGATTTTCAACCCACCTTGCTCCTCTGAGAG  
 ACACAGAGAGTTTGGCATCGTGCACGATTGTTTGCCTCTGCTGACATTGCCCTGGAGAGGATGCAGTT  
 TTCTGCGAAAGCCACCATCCTGAAGACTCTTGCATCTTCCCGCTAATTCTTCACATCACTCTAAGTGGG  
 CTCAGCACTCTAAGCAAAGAGCATGAGGAAGAGCTTTGTCAGTCAGGACATGCTACAGGTCAAGACTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_018769

**Insert Size:** 1539 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\\_018769.3](#), [NP\\_061239.1](#)

**RefSeq Size:** 2133 bp

**RefSeq ORF:** 1539 bp

**Locus ID:** 54722

**UniProt ID:** [Q9Z2D3](#)

**Cytogenetics:** 6 B2.3

**Gene Summary:** Plays a role in the TP53-regulated cellular response to DNA damage probably by cooperating with TP53.[UniProtKB/Swiss-Prot Function]