

Product datasheet for **MC208058**

Gde1 (NM_019580) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gde1 (NM_019580) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gde1
Synonyms: 1200003M13Rik; Mir16; RGS16
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC208058 representing NM_019580
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTGGCTGTGGGAGGACCAGGGCGGCCTCTGGGCCCTTCTCCTTCGTGCTGGTGTCTGCTGGTGG
TGACACGCAGCCCTTCAACGCCTGCGTGCTCACCGGCAGCCTCTACATCCTGCTGCGGTTCTTCAGCTT
CGAGCCGGTGCCGTCCC GCCGGGCCCTGCAGGTGCTCAAGCCCCGTGACCGCGTGTCCGCCATCGCCCAT
CGCGGCCGAGCCACGACGCGCCCGAGAACACGCTGGCGGCCATCCGGCAGGCAGCTAAGAATGGAGCAA
CAGGTGTGGAGCTGGACATCGAGTTTACTTCTGATGGAGTTCCTGTCTTGATGCACGATAACACAGTAGA
TAGGACAACAGACGGGTCTGGCCGACTATGTGATCTGACATTTGAACAAGTTAGGAACTTAACCCCTGCA
GCAATACAGACTCAGAAACGAGTTCCCTGATGAAAGGATCCCTACCCTGAAGGAAGCTGTACAGAGT
GCCTCCGCCATAACCTCACCATCTTCTTTGATGTCAAAGGCCATGCAGATATGGCTTCTGCTGCTCTAAA
GAATATATACACGGAATTTCCACAGCTGTACAATAACAGTATGGTCTGCTCATTCTTGCCGGAAGTCATC
TATAAATGAGACAAACGGATCAGAAGTAATCACAGCCCTAACTCACAGGCCTTGGAGCCTGAGCCACA
CTGGAGATGGGAAGCCTCGCTACAGCGTCTTTTGAAGCAGTCTGTGTTTGTGGTGTGGACATCTTGCT
GGACTGGAGCATGCACAATGTCTTGTGGTACCTGTGTGGGATTCAGCCTTCTCATGCAGAAGGATTTT
GTCTCCCCGACTATTTGAAGAAGTGGTCAGCTAAAGGAATCCAGGTTGTGAGTTGGACTGTCAATACCT
TTGATGAAAAGAATTACTACGAGTCCCACCTTGGGTCCAGCTACATCACTGACAGCATGCTAGAAGACTG
TGACCTCACTTC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_019580
Insert Size:	996 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:	<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:	NM_019580.4 , NP_062526.1
RefSeq Size:	1529 bp
RefSeq ORF:	996 bp
Locus ID:	56209
UniProt ID:	Q9JL56
Cytogenetics:	7 F2
Gene Summary:	Has glycerophosphoinositol phosphodiesterase activity. Hydrolyzes lysoglycerophospholipids to produce lysophosphatidic acid (LPA) and the corresponding amines (PubMed:25596343). Has little or no activity towards glycerophosphocholine. GDE1 activity can be modulated by G-protein signaling pathways (By similarity).[UniProtKB/Swiss-Prot Function]