

## Product datasheet for **MC215939**

### **Gdi2 (NM\_008112) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gdi2 (NM_008112) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gdi2
Synonyms:	GDI-B; Gdi3; GDIB
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC215939 representing NM\_008112  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAATGAGGAATACGACGTGATCGTGCTGGGCACCGCCTGACGGAATGTATCCTGTCCGGGATATGT  
 CAGTGAATGGGAAGAAGGTTCTTCATATGGATCAGAACCATACTATGGAGGAGAAAAGTGGCTCTATAAC  
 ACCGCTGGAAGATTTATACAAAAGGTTTAAATTACCAGGACAACCGCCAGCATCAATGGGAAGAGGAAGA  
 GACTGGAATGTTGACTTAATCCCAAGTTCCTTATGGCCAATGGTCAGTTGGTGAAGATGCTGCTTTTCA  
 CAGAGGTCACGTTACATGGACTTCAAAGTGATTGAGGGAAGCTTTGTCTACAAGGGAGGGAAAACTCA  
 CAAGGTTCTTCCACTGAAGCAGAAGCCCTGGCATCTAGCTTAATGGGACTGTTTGAGAAAACGCCGTTTC  
 AGGAAGTCTCGGTTTATGTTGCCAAGTTCCTGATGAAAAAGATCCTAGAACTTTGAGGGTGTGATCCTA  
 AGAAGACCTCCATGAGAGATGTGTATAAGAAGTTTGATTTGGGCCAAGATGTTATAGACTTTACTGGCCA  
 TTCTCTTGCACGTACAGAACAGATGACTACTTAGATCAGCCGTTGTGAAACCATTAAATAGAATTA  
 CTTTACAGCGAGTCTTTGGCAAGATACGGTAAAAGCCCGTACCTGTATCCGCTTTATGGTCTTGAGAAT  
 TGCCGCAAGGATTTGCAAGGTTAAGTGCCATATATGGAGGTACCTACATGTTGAATAAACCAATTGAAGA  
 AATCATTGTGCAAAAATGGAAAAGTGGTTGGTGTAAAATCCGAAGGAGAGATTGCTCGCTGTAAACAGCTC  
 ATCTGTGATCCCAGCTATGTAAAAGATCGGGTTGAAAAGTGGGCCAGGTAATCAGAGTGATCTGTATCC  
 TTAGCCACCCTATCAAGAACACCAACGATGCCAAGTCTGCCAGATCATCATTCCACAGAACCAAGTCAA  
 CCGCAAGTCAGATATCTATGTTTGCATGATCTCCTTTGCACATAATGTGGCAGCACAGGGCAAGTATATT  
 GCCATTGTAAGTACAACCGTGGAGACCAAGGAACCAGAGAAAAGAAATCAGACCGGCTTTGGAGCTTTGG  
 AACCAATTGAACAGAAAATTTGTGACATCAGTGACCTCTTTGTACCTAAAGATTTGGGAACAGATAGTCA  
 GATCTTCAATTTCCCGTGCCTATGATGCTACCACGCACTTTGAGACAACCTGTGATGACATTAAGATATC  
 TACAAGAGGATGACAGGATCTGAGTTTACTTTGAGGAAATGAAGCCGAAGAAGATGACATTTATGGAG  
 AAGACTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_008112

**Insert Size:** 1338 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\\_008112.4, NP\\_032138.3](#)

RefSeq Size: 2681 bp

RefSeq ORF: 1338 bp

Locus ID: 14569

UniProt ID: [Q61598](#)

Cytogenetics: 13 A1

Gene Summary: Regulates the GDP/GTP exchange reaction of most Rab proteins by inhibiting the dissociation of GDP from them, and the subsequent binding of GTP to them.[UniProtKB/Swiss-Prot Function]