

Product datasheet for **RN209201**

Gdi2 (NM_017276) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gdi2 (NM_017276) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gdi2
Synonyms:	Gdi3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209201 representing NM_017276
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAATGAGGAATACGACGTGATCGTGCTGGGCACCGCCCTGACGGAATGTATCCTGTCCGGGATATGT
 CAGTGAATGGAAAAGAAGTTCTTCATATGGATCAGAACCATACTATGGAGGAGAAAAGTGCATCTATAAC
 ACCGCTGGAAGATTTATACAAAAGATTTAAATTACCAGGACAACCACCAGCATCGATGGGAGAGGAAGA
 GACTGGAATGTTGACTTAATCCCAAGTTCCTTATGGCCAATGGTCAGTTGGTGAAGATGCTGCTTTTCA
 CAGAGGTCACCTGTTATATGGACTTCAAAGTGATCGAAGGGAGCTTTGTCTACAAGGGAGGGAAAACTA
 CAAGGTTCCCTCCACTGAAGCAGAAGCCCTGGCGTCTAGCTTAATGGGACTGTTTGAGAAAACGCCGCTC
 AGGAAGTTCCTAGTTTATGTTGCCAAGTTCCTGATGAAAAAGATCCTAGAACTTTTGAGGGTGTGGATCCTA
 AGAAGACCTCCATGAGAGATGTGTATAAGAAGTTTGATTTGGGCCAGGATGTTATAGACTTTACTGGCCA
 TTCTCTTGCAATTGTACAGAACAGATGACTACTTAGACCAGCCATGTTGTGAAACGATTAACAGAATTA
 CTTTACAGCGAGTCTTTGGCAAGATATGGTAAAAGCCCATACCTCTATCCACTTTATGGTCTTGGGGAA
 TGCCACAAGGATTTGCAAGGTTAAGTGCTATATATGGAGGTACCTACATGTTGAATAAGCCAATTGAAGA
 AATCATTGTGCAAAAATGGAAAAGTGGTTGGCGTGAAATCTGAAGGAGAGATTGCTCGCTGTAAGCAGCTC
 ATCTGTGATCCCAGCTATGTCAAGGATCGGGTTGAAAAAGTAGGCCAGGTAATCAGAGTGATCTGTATCC
 TTAGCCACCCCATCAAGAACACCAACGATGCTAACTCCTGCCAGATCATCATTCCACAGAACCAAGTCAA
 CCGCAAGTCAGATATCTATGTTTGCATGATCTCCTTTGCACATAATGTGGCAGCACAGGGCAAGTATATT
 GCCATTGTAAGTACAACCTGTGGAGACTAAGGAACCAGAGAAAAGAAATCAGACCAGCTTTGGAGCTTTGG
 AACCAATTGAACAAAAATTTGTGATCAGCATCAGCGACCTTTTGTACCTAAAGATTTGGGAACAGATAGTCA
 GATCTTTTATTTCCCGTGCCTATGATGCTACCACACACTTTGAGACAACCTGTGATGACATCAAAGATATC
 TATAAGAGGATGACAGGGTCTGAGTTTACTTTGAAGAAATGAAGCCGAAGAAGATGACATTTATGGAG
 AAGACTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_017276

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_017276.2](#), [NP_058972.2](#)
RefSeq Size: 2230 bp
RefSeq ORF: 1338 bp
Locus ID: 29662
UniProt ID: [P50399](#)
Cytogenetics: 17q12.2
Gene Summary: regulatory protein for GDP/GTP exchange reaction of Rab proteins; mediates vesicular trafficking in diverse types of cells [RGD, Feb 2006]