

## Product datasheet for **RN202269**

### **Gda (NM\_031776) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gda (NM_031776) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gda
Synonyms:	Cypin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN202269 representing NM\_031776  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGTGTGCGGCTCGGACGCCGAGCTGGCGCTCATCTTCCGAGGGACTTTCGTCCACTCCACCTGGACCT  
GCCCCATGGAGGTGCTTCGCGATCACCTTCTTGCGGTGAGCGACAGCGGCAAAATAGTGTCTAGGAAGA  
ATCATCTCAGCAAGAAAAGCTGGCCAAAGAATGGTGCTTCAAACCGTGTGAGATCAGAGAGCTGAGCCAC  
CATGAGTCTTTCATGCCAGGCCTTGTGATACACACATCCATGCCCTCAGTATGCCTTTGCTGGAAGCA  
ACGTGACCTGCCACTTTTGGATTGGCTGAACAAGTATACATTTCTACAGAAAAAGGTTCCAGAGCAC  
CGATGTGGCTGAAGAAGTCTACACTAGAGTCGTTAGGAGAACACTAAAGAACGGCACCACCACGGCATGC  
TACTTTGGAACAATTCACACTGACTCATCCCTGATCCTTGCAGAAATTACAGATAAATTTGGGCAGCGAG  
CATTTGTGGGCAAAGTATGCATGGATTTAATAACACTGTTCCAGAATAACAAGGAGACCACCGAGGAGTC  
AGTCAAGGAGACAGAGAGATTTGTGTCAGAAATGCTTCAAAGAATTATCAAGGGTGAACCCATAGTG  
ACCCCGGATTTTCTCTTCTTGACGGAGACTCTGATGAGTGAACCTGGCAACATCGCCAAGACTCATG  
ATCTGTACATCCAGGCCATATAAGTGAAAATCGTGAAGAAATTGAAGCTGTGAAAAGCTTATACCTGG  
CTACAAAACTACACAGATGTCTATGATAAAAAAATCTTCTGACAAAACAAACAGTGTGGCTCATGGC  
TGCTACCTTTCTGAAGAAGAGCTGAACGCTTTCAGTGAACGAGGAGCATCCATTGCACATTTGCCAACT  
CTAATCTGTGCTGAGCAGTGGCTTACTGAACGTGCTCGATGCTCCTGAAGCATAAAGTGAAGATAGGGCT  
TGGGACAGATGTGGCTGGTGGTTACTCCTATCCATGCTTGACGCCATCCGAAGAGCAGTGTGGTTTCC  
AACGTCCTCTTAATTAATAAGGTGAATGAGAAAAGCCTCACCTCAAAGAAGTCTTCAGACTAGCCACTC  
TTGGAGGAAGCCAAGCCCTGGGGCTTGATCGTGAATTTGAAACTTTGAGGTGCGCAAGGATTTTGATGC  
CCTCTTGATCAACCCAGAGCATCGGACTCTCCATTGATCTGTTTTGTGGGGATTTTCGTTGGTGATATT  
TCTGAGGCTGTTATCCAGAAGTTCCTCTATCTAGGAGATGACCGAACATTGAGGAGTTTATGTGGGTG  
GAAAGCAGGTCGTTCCATTCTCCAGCTCCGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_031776

**Insert Size:** 1365 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\\_031776.2](#), [NP\\_113964.2](#)  
RefSeq Size: 1460 bp  
RefSeq ORF: 1365 bp  
Locus ID: 83585  
Cytogenetics: 1q51  
Gene Summary: exhibits guanine deaminase activity [RGD, Feb 2006]