

Product datasheet for **MC216111**

Gda (NM_010266) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gda (NM_010266) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gda
Synonyms:	AU015411; AW047581; GAH
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216111 representing NM_010266
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTGTGGGCTCGGACGCCCGCTGGCGCTCGTCTTCCGAGGGACTTTCGTCCACTCCACCTGGACCT
 GCCCATGGAGGTGCTTCGCGATCACCTCCTCGGCGTGAGCGACAGCGGCAAAATAGTGTTCCTAGAAAG
 ATCATCTCAGCAAGAAAACTGGCCAAGGAGTGGTGTCTCAAACCATGTGAGATCAGAGAAGTGGCCAC
 CATGAGTCTTTCATGCCAGGCCTTGTGATACCCACATCCATGCCCTCAGTATGCCTTTGCTGGAAGCA
 ACGTTGACCTGCCGCTTTGGAGTGGCTGAATAAGTATACATTTCCACAGAACAAGGTTCCGGAGCAC
 TGATGTGGCTGAAGAAGTCTACACTAGAGTTGTTAGGAGAACACTGAAGAACGGCACCACCACGGCTTGC
 TACTTTGGAACAATTCACACTGACTCATCCCTGATCCTTGCAGAAATTACAGATAAATTTGGCAGCGAG
 CATTTGTGGGCAAAGTATGCATGGATTTGAATGATACTGTTCCAGAATACAAGGAGACCACCGAGGAGTC
 AGTCAAGGAGACAGAGAGATTTGTGTGAGAAATGCTGCAAAAGAATTATCCAAGGGTGAACCCATAGTG
 ACCCCACGCTTTACCTTTCTTGACGGAGACTCTGATGAGTGAACCTGGCAACATCGCCAAGACCCATG
 ATCTGTACATCCAGGCCATATAAGTGAAAATCGTGAAGAAATTGAAGCCGTGAAAAGCTTATACCCTAG
 TTACAAAACTACACAGATGTCTATGATAAAAAAATCTTCTGACAAAACAAGACAGTAATGGCACATGGC
 TGCTACCTTTCTGAAGAAGAAGTAAACATCTTCAGTGAACGAGGAGCATCCATTGCACATTTGCCAACT
 CTAATCTGTGCTGAGCAGTGGCTTACTGAACGTGCTTGAGGTCTGAAGCATAAAGTGAAGATAGGGCT
 GGGGACAGATGTGGCTGGTGGCTACTCCTATCCATGCTTGATGCCATCAGAAGAGCAGTCATGGTTTCC
 AATGTCCTCTTAATTAATAAGGTAATGAGAAAAACCTCACCTCAAAGAAGTCTTCAGACTAGCCACTC
 TTGGAGGAAGCCAAGCCCTGGGCTTGATAGCGAGATTGAAACTTTGAAGTTGGCAAGGAATTTGATGC
 CCTCTTGATCAACCCAGAGCATCAGACTCTCCATTGATCTGTTTATGGGGATTTTGTGGTGATATT
 TCTGAGGCTGTTATCCAGAAGTTCTTTATCTAGGAGACGACCGAAATATTGAGGAGTTTATGTGGGTG
 GAAAGCAGGTCGTTCCATTCTCCAGCTCAGTGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_010266

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_010266.2](#), [NP_034396.1](#)
RefSeq Size: 5417 bp
RefSeq ORF: 1365 bp
Locus ID: 14544
UniProt ID: [Q9R111](#)
Cytogenetics: 19 14.32 cM
Gene Summary: Catalyzes the hydrolytic deamination of guanine, producing xanthine and ammonia.
[UniProtKB/Swiss-Prot Function]