

Product datasheet for **MC216369**

Gtdc1 (NM_172662) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gtdc1 (NM_172662) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gtdc1
Synonyms:	E330008O22Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216369 representing NM_172662
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGTATTGTCATCATCGAGGCATTTTATGGAGGCTCCCATCGACAGCTGGTAGAGCTGCTCCGAGAAG
 AATTAGATGACTGCGTGTGTACACTCTTCCTGCAAAGAAATGGCACTGGAGAGCACGCACAGCAGCCTT
 ATACTTCTCACAGAATATTTCCAGCAGTGAGCACTACAGGACCCTCTTTGCAAGCTCAGTACTCAACCTG
 ACTGAACTGGCTGCCCTTCGGCCTGATCTGGGAAAAGTAAAAAGATCTTATACTTCCATGAAAACCCAGT
 TGGTGTATCCTGTCAAGAAATATCAGGAGAGAGATTTTCAATATGGATACAACCAAATTTCTCTCGTGT
 GGTGGCTGATGTTGGTATTCAATCCAGTTTTAAATATGGAATCATTCTTACTTCTATTGGAAAATTC
 CTGAAGCTGATTCCTGATCACAGGCCTAAGGATCTGGAAAGCATTATCAGACCCAAGTGCAAGTTATTT
 ATTTTCCATCAGATTTCTGATGTGAGCAGATTCATGCCAAGCACAAAATAGCCCACTTAAGGAGGAT
 GCTCAGCCTTATTGGAGATGCTGCTGCATCTCAGTCTGTGGCGCCTTGCCCCAGCCAGGGCAGAGGTT
 TCTGAGAAAGTACCGGAGAACTGTGAATCAAAGTCTGATGAACACCCCTGACCTTGATGCTGAACAAGAAG
 CCCTGGACAACCCATCAGTCCATAAATCAGGCTCTCTTCTGTGAGTAAAGAAAACCTGCCTCTTGATCC
 CAGCACCTTCTGTGTGGAGCTGAAGATCCGCAAAGACCCTGCACATTACATGGCCGCACAGGTGGGAG
 CATGACAAAGATCCAGAGACGTTCTTAAAGATACTAATGAGTCTAAAGCAGTTAAACTTGAACCTCCATG
 TCTCTGCTCGGAGAGACTTTTACAGACACCCAGATATATTTTTCAGAAAGCCAAAAGGCACTGGGCTC
 TTCAGTCTTGCAGGCTACTTACCCCGTAAAGAAGACTATTTCCGCTACTGTGCATGGCTGACGTT
 GTCATCTCAACAGCCAAGCATGAATTTTGGAGTAGCAATGTTGGAAGCTGTGTACTGTGGCTGCTACC
 CACTGTGTCCTCAAGCCCTGGTCTATCCTGAGATCTTTCCAGCTGAGTATCTGTATTCACACCTGAACA
 GCTTTCAAACGGCTCAAGAGTTTCTGCAAGAGGCCAGATATTATAAGAAAACATCTTTATAAGGGTGAA
 GTGGCTCCATTTCTTGGCAGCCCTACATGGTAAATTCAGTCTCTGCTCACAACAGAACCAGGGAAG
 ATTT**GTGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_172662

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_172662.3](#), [NP_766250.2](#)
RefSeq Size: 2581 bp
RefSeq ORF: 1338 bp
Locus ID: 227835
UniProt ID: [Q8BW56](#)
Cytogenetics: 2 B