

Product datasheet for **RN204769**

Gan (NM_001107434) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gan (NM_001107434) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gan
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN204769 representing NM_001107434
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCGAGGGCAGCGCTGTGTCCGACCCTCAGCACGCCGCGCGCTGCTGCGGGCGCTCAGCTCGTTCC
 GGGAGGAGGCGCGTTTCTGCGACGCGCACCTGGTCTCGACGGCGAGGAGATCCCGGTGCAGAAGAACAT
 CCTGGCGCGGCCAGCCACATTTTACATTTTTTCCCTTTCTTAGGACAAAGTTAAACTATAATCCTCCA
 AAAGATGACGGCTCTACTTATAAGATTGAACCTGAAGGGATATCGGTAACGATTATGAGAGAGATCCTGG
 ATTACATCTTCAGTGGGCAGATCAGGTTGAACGAAGACACCATCCAAGATGTCGTGCAGGCAGCCGACCT
 GCTGCTGCTGACGGACCTCAAACCCCTGTGCTGTGAGTTCTTGGAGGGCTGCATCGCGCGGAGAACTGC
 ATCGGCATCCGGGACTTTGCACTGCATTACTGCCTGCACCACGTGCACTACCTGGCCACCGAGTACCTGG
 AGACCCACTTCCGAGACGTCAGCAGCACAGAGGAGTTCCTGGAGCTCAGTCCACAGAACTCAAAGAAGT
 GATCTCTCTTGAGAAGCTGAATGTTGGCAACGAAAGATACGTGTTTGGAGCCGTGATTCCGTGGATAGCA
 CATGATGTAGAGATGAGAAAGGTCCACATGAAGGATGTCATGTCGGCACTGTGGGTTTCAGGGCTGGATT
 CCAGCTACCTGCGGGAGCAGATGCTAAATGAACCTTGGTACGAGAAATTGTCAAGGAGTGCAGCAACAT
 CCCCTCAGCCAGCCGACGAGGGGAGGCCATGCTGGCCAGCTTCAAGCCCAGGGGCTACTCAGAGTGC
 ATAGTGACCATTTGGAGGAGAGGAAAGAGTTTACGGAAACCCACGGCGGCCATGCGGTGTATGTGCCCTC
 TCTACGACCCCAATCGGCAGCTGTGGATTGAACCTGGCTCCTCTGAGCATGCCAAGAATTAACCATGGAGT
 GCTTTCAGCAGAAGGATTTCTGTTTGTGTTGGGGGGCCAAGATGAAAACAAGCAGACACTGAGCTCAGGA
 GAGAAGTATGACCCAGATGCCAACACGTGGACTGCACTCCACCCATGAACGAGGCCAGGCACAACCTTG
 GGATTGTGGAGATTGATGGAATGCTCTACATTCTCGGAGGGGAGGACGGTGACCGCAGCTGATTCCAT
 GGAGTGTTACGATATTTATTCAAAAACCTGGACGAAGCAACCTGACCTGACCATGGTTAGGAAGATTGGC
 TGCTATGCAGCTATGAAAAAGAAAATCTATGCCATGGGCGGAGGCTCCTATGGGAAGCTGTTGAGTCTG
 TGGAGTGTACGATCCACGGACCCAGCAGTGGACTGCCATATGCCCACTGAAAGAGAGGAGGTTTGGAGC
 AGTGGCCTGTGGTGTGCCATGGAGCTGTATGTATTTGGAGGCGTCCGAAGTCGAGAGGACATCCAGGGC
 AGCGAGATGGTCACCTGCAAGTCTGAGTTCTATCATGACGAGTTTAAGAGGTGGTCTACCTTAACGATC
 AGAACCTGTGCATTCCAGCCAGTTCCTCCTTTGTCTATGGAGCAGTCCCATAGGAGCCAGTATTTATGT
 TATCGGAGACCTTGACACAGGTACCAACTATGACTACGTGCGGGAGTTTAAGAGAAGCACAGGCACCTGG
 CACCACACGAAGCCACTCTGCCATCTGACCTCCGTGCGACAGGCTGTGCAGCCCTGCGCATAGCCAAT
 GCAAGCTCTTCCGCTGCAGCTGCAGCAAGGCTTGTTCGCATCCGGGTCCATTCCCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001107434

Insert Size: 1812 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_001107434.1, NP_001100904.1

RefSeq Size: 2730 bp

RefSeq ORF: 1812 bp

Locus ID: 307893

Cytogenetics: 19q12