

Product datasheet for **MC222596**

Ganc (NM_172672) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ganc (NM_172672) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ganc
Synonyms:	5830445O15Rik; 9330160A12; mFLJ00088
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>MC222596 representing NM_172672
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAAGCAGCTGAGAAAGAGGAAATCAGTGTGAAGATGAAGCAGTGGATAAACTATTTTCAAAGACT
 GTGGCAAGATTGCATTCTACAGGCGGCAGAAACAGCAGCTCACCAAGACTACCACCTACCAGGCTTTGCT
 AGGCTCAGTCGACACAGAACAGGACAGCACCAGGTTCCAATCATCAGTGAAGCAACTAAGATTCCTCTC
 GTGGCTGAAGTTTATGGTATAGAGAAAGACATTTTCAGACTTAAGATCAATGAAGAGACTCCACTGAAAC
 CAAGGTATGAAGTTCCTGACGTCAACAGCAAGCTAGGAACTGTCAGGCTGGTCTGCTCAGGGGACAC
 AGGCAGCCTAATACTGACAAATAGAAAAGGAGATCTGAAATGTCACGTCTCAGCAAACCCATTCAAGATC
 GATTTGCTGTGGAAGACGAGGCTGTGATCAGCATCAACTCCCTGGGCCAGTTTACTTTGAGCACCTAC
 AGGTTCTCACAAGCAGAGACTACCAAAGGAAATGGGCAAAATACACCAGCTGCCACCTCTCAGGAAAA
 TCAAGAGGACCTGGGCCGTGGGAAGAAAAATTTGAAAAATTTGTGGATGTCAAAGCTAATGGCCCTTCC
 TCTGTTGGTTTGATTTCTCTTTCATGGATTTGAACATCTCTATGGTATTCCTCAACATGCAGAGTCAC
 ATCAACTTAAAAATACCAGAGATGGAGATGCATACCGTCTTTATAATCTGGACGTCTATGGATACCAAGT
 GCATGACAAAAATGGGCATATATGGTTTCACTGCCTTATCTCTGGCCACAAAACAGGGCAGGACTGTAGGC
 ATTTTCTGGTGAATGCTTCAGAAACACTCGTGGAGATCAACACAGAGCCAGCAGTTGAGTACACACTGA
 CCCAGATGGGCCAGCAGCTGCCAAACAAAAGGTCAAGTGGCCAACTGATGTGCACTGGATGTGAGAGAG
 TGGGATCATTGACGTTTTCTGCTGACAGGACCTACACCTGCTGACGTCTTCAAACAGTACTCATATATC
 ACAGGCACACAAGCCATGCCCCCTTTTTTCTTGGGTACCACCAGTGTGCTGGAATCATGAAGATG
 AACAGGATGTGAAGCAGTATGTCAGGTTTGTATGAGCATGACATTCATATGATGTGATGGTGGTGG
 CATAGAGCACACGAGGACAAGAAGTACTTCACTGGGACAAAAAGAGATTTGCAAACCCCAAAAGGATG
 CAAGAGCTGCTCAGGAGCAAAAAACGCAAGCTTGTGGTTATCAGTGACCCCCACATCAAGGTGGATCCTG
 ACTACACAGTCTATGCTCAAGCCAAAGAACAGGGCTTCTTTGTGAAGAATCCAGAGGGTGGCGACTTCGA
 AGGAGTATGTTGGCCTGGTCTCTCGTCTTACCTGGATTTACCAACCCCAAGGTGAGAGTGGTATTCC
 AGCCTTTTTGCTTTTCTGTTTATCAGGGATCTACGGACATCCTTTTCTATGGAATGACATGAATGAGC
 CCTCAGTCTTCAAGGGCCTGAGCTAACCATGCACAAGAGTGTGTTTATTATGGCGACTGGGAACACAG
 AGAACTTCAACATCTACGGATTTTATCAGCAAATGGCTACTGCAGAAGGATTGATAACAACGATCTAAG
 GGAAGGAGAGGCCCTTTGTTCTTTCACGTTTCTTTCGCGGATCACAAAAGTATGGTGCAGTGTGGA
 CAGGAGACAACAAGCGGAATGGAGCTATCTGAAAATCTCCATCCCGATGTTACTCACTCTCAGTGTCTC
 GGGAACTCTCTTCTGTGGAGCTGATGTGGTGGCTTCAATGGCAATCCTGAGGCAGAGCTGCTTGTGCGT
 TGGTACCAGGCTGGAGCTTACCAGCCCTTCTTCCGAGGCCATGCCACCATGAACCCAAGCGACGAGAAC
 CCTGGCTGTTTGGGAAGAATACACTCAGCTGATCCGGGAAGCCATCAGGCAGCGCTACGCCCTCTGCC
 CTATCTGTATTCTCTGTTCTACACACGCACGTGCTTCTCAGCCGTCATGAGGCCTCTGTGGTTCGAA
 TATCCTGATGACTTAGAGACTTTTGTGTGGAAGATGAATACATGCTGGGAAGCGCTTTATTGGTTCATC
 CAGTTACAGACCCACAGACCCACGATTGACGTGTTTCTGCCAGGTCAGATGAGGTCTGGTACGACTC
 TAAGACATTTGCATATTGGAAGGAGGGTGTACTGTGAAGATCCAGTAACTTGGATACACTATCCAGTG
 TTTACAGCGAGGTGGAAGTGTGGTACCAGTAAAGACCACTGTGGAACTCCACTGGCTGGATGGCTGACT
 CCCCTTATGAGCTCCGGTTGCCCTAAGCACTCAGGGTCTGCTGTGGGAGAGCTGTATCTTGTGACGG
 CCATTCATTCCAGTACCTCCACCAGAACCAGTTCTTATACCGCAAGTTCTTATTCTGCTCCAGTGTCTG
 ACCAACAGGTGTGCAATGAGAAGGTCATTACCCAGCAAGTGCATTGTGGAGCAGATCTTGGTCTTAG
 GCCTTAAGAAGAAGCCATCTTCTGTGACTACCCACTTGTCTGATGGTAGAGCTCAGCCTGCAGCTTTTAC
 ATATTGTGCCAAACATCTGCCCTGCGTCTGGAGAAGCTGTCTCTGCGCATTGGTGGAGACTGGGAAGTC
 CGTGTGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:	NM_172672
Insert Size:	2742 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:	<ol style="list-style-type: none">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_172672.2 , NP_766260.2
RefSeq Size:	4818 bp
RefSeq ORF:	2742 bp
Locus ID:	76051
UniProt ID:	Q8BVW0
Cytogenetics:	2 E5
Gene Summary:	Has alpha-glucosidase activity.[UniProtKB/Swiss-Prot Function]