

Product datasheet for **RN201246**

Ganc (NM_001145840) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ganc (NM_001145840) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ganc
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201246 representing NM_001145840
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAACACCTGAGAAAAGGAAATCAGTGTGAAGATGAAGCAGTGGATAAAACCATTTTCAAAGACT
 GTGGCAAGATTGCATTCTACAGGCGGCAGAAAACAGCAGCTCTCCAAGAATACCACCTACCGGCTTCACT
 AGGCTCCGTCAGCACAGAACAGGACAGCACCAGGTTCCAATCAGCAGTGAAGCAACTAAGATTCCTCTT
 GTGGCTGAAGTTTATGGTATAGAGAAGGACATTTTCAGACTTAAGATCAATGAAGAACTCCACTGAAAC
 CAAGGTATGAAGTTCTGATGTCGTCAACAGCAAGCTTGGAACTGTCAGGCTGGTCTGCTCAGGGGACAC
 AGGCAGCCTGACACTGACAGATAGAAAAGGAGATCTGAGATGTCATATCTCAGCAAACCCATTCAAGATT
 GATTTGTGTCTAAGGACGAGGCTCTGATCAGCATCAACTCCCTGGCAAGCTATACTTTGAGCACCTGC
 GGGTTCCTCACAAGCAGAGACTACCAAAGGAAATGGACAAAATACACCAGCTGACACCTTCAGGAAAA
 TCAAGAGGACCTGGCCCTGTGGGAGAGAAATTTGAAAAATTTGTGGATGTCAAAGTTAATGGCCCTTCC
 TCTGTTGGTTTGATTTCTCCCTTCATGGATTTGAACATCTCTATGGTATCCCTCAACATGCAGAGTCAC
 ACCAACTTAAAAATACTAGAGATGGAGACGCATACCGTCTTTATAACCTAGATGTCTATGGATACCAAGT
 TCATGACAAAAATGGGCATATATGGTTCACTGCCTTATCTCCTGGCCACAAAACAGGGCAGGACTGTAGGT
 ATTTTCTGGTGAACGCCTCAGAAAACACTAGTGGAGATCAACACAGAGCCAGCAGCTGAGTACACACTGA
 CCCAGATGGGCCAGCAGCTGCCAAAACAAAAGTCAGGTGCCAACTAATGTGCACTGGATGTGAGAGAG
 TGGGATCATTGACGTTTTCTGCTGACAGGACCTACACCTGCTGACATCTTCAAGCAGTACTCATATATC
 ACAGGCACACAAGCCATGCCCTCTTTTTCCCTGGGGTACCACCAGTGTGCTGGAATCATGAAGATG
 AACAGGATGTGAAGGCAGTCGATGCAGGTTTGTATGAACATGACATTCATATGATGTGATGTGGTGGG
 CATAGAGCACACGAGGACAAGAAGTACTTACCTGGGACAAAAAGAGATTTCGAAAACCCCAAAAGGATG
 CAAGAGCTGCTCAGGAGCAAAGGACGCAAGCTTGTGGTTATCAGTGACCCCCACATCAAGGTGGATCCTG
 ACTACACAGTCTATGCTGAAGCCAAAGAACGGGCTTCTTTGTGAAGAATCCAGAGGGTGGCGACTTGGG
 AGGAGTCTGTTGGCCTGGTCTCTCGTCTTACCTGGACTTCACCAACCCCAAGGTGAGAGAGTGGTATTCC
 AGCCTTTTTGCTTTTCTGTCTATCAGGGATCTACGGACATCCTTTTCTATGGAATGACATGAATGAGC
 CCTCAGTCTTCAAGGGCCAGAGCTAACCATGCAGAAGAATGCTGTTTATCATGGCAACTGGGAACACAG
 AGAACTTCAACATCTACGGCTTTTATCACAAATGGCTACGGCAGAAGGATTGATACAGCGATCTCAG
 GGAAGGAGAGGCCCTTTGTTCTTTCGCGTTCCTTCTTTGCTGGATCACAAAAGTATGGTGCAGTGTGGA
 CGGGAGACAACACAGCAGAAATGGAGCTATCTGAAAATCTCCATCCCTATGTTACTTACCCTCAGTGTCTC
 AGGGATCTCCTTCTGTGGAGCTGATGTGGCGGCTTCATTGGCAATCCTGAAGCAGAGCTGCTAGTGCGC
 TGGTACCAGGCTGCAGCTTACCAGCCCTTCTTCCGAGGCCATGCTACCATGAACACCAAGCGGCGAGAAC
 CCTGGCTGTTGGGGCAGAAATACTCAGCTGATCCGGGAAGCCATCAGAGAGCGCTACAGCCTCCTGCC
 CTATCTGTATTCTCTGTTCTACCATGCGCACGTGCTTCTCAGCCTGTCATGAGGCCCTGTGGGTCGAA
 TTTCTGTGACTTAGAGACTTTTGTGTGGAAGATGAATACATGCTAGGCAATGCTTTATTGGTTCATC
 CAGTTACAGCACCACAGACCACCATGATTGATGTCTTCTGCCAGGTCAAATGAGGTCTGGTACAACCT
 TAAGACATTTGCATATTGGAAGGAGGATGTGCTGTGAAGTTCAGTAACTTGGATACTATCCAGTG
 TTTCAACGAGGTGGAAGTGTGGTACCAGTAAAGACTACTGTGGGAAGTCCACCGGCTGGATGACTGACT
 CCCCATATGGGCTCCGAGTTGCCCTAAACACTCAGGGTCTGCTGTGGGAGAGCTGTATCTCGATGACGG
 CCATTCATTCCAGTACCTCCACCAGAACCAGTCTTACACCGCAAGTCTTATTCTGCTCCAGTGTCTG
 ACCAACAGGTGTGCTGATGAGAAGGTCATTACCCAGCAAGTGCATCGTGGAGCAGATCTTGGTCTTAG
 GCCTTAAGAAGAAGCCATCTTCTGTGACTACCCATTCTTCTGATGGTAAAGTTCAGCCTGCAACTTTTGC
 GTACTGTGCCAAAACATGTACCCTGAGTCTGAAGAAGCTGTCTCTGAGTGTGGTGTGACTGGGAGGTC
 CATGTCAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN:	NM_001145840
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:	<u>NM_001145840.1</u> , <u>NP_001139312.1</u>
RefSeq Size:	4816 bp
RefSeq ORF:	2742 bp
Locus ID:	24382
Cytogenetics:	3q35