

Product datasheet for **RN207714**

Gcat (NM_001024277) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gcat (NM_001024277) Rat Untagged Clone
Tag: Tag Free
Symbol: Gcat
Synonyms: MGC109060
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN207714 representing NM_001024277
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTGGGTCAACTTCTTGTGGCGCGGGCGCTGTCCCCGGCCGCGTCTCACTCAGCGCTGGCTCAGC
TGCCTGCGTCTGGACCGGAGCTGGAAGGGATCCGCGGAGCCGGCACCTGGAAGAGTGAGCGGGTGT
CACGTCCCGCCAGGGACCGTGTATCCGCGTGAAGGCATCTCCGAGGAATCCTCAACTTCTGTGCCAAT
AACTACCTGGGCCTGAGCAGCCACCCTGAGGTGATCCAGGAGGTCTGCAGGCTCTGGAGGATTTGGAG
CTGGCCTCATTCTACTCGCTTATATGTGGGACCCAGAGCATCCATAAGAATCTAGAAGCCAAGATAGC
CCGCTTCCACAGCGGAGGACGCCATCCTCTATCCCAGCTGTTTTGATGCCAACACTGGCCTATTTGAG
GCTCTGCTGACCCAGAGGATGCAGTCTGTGATGAGCTGAACCACGCTTCCGTCATCGACGGCATCC
GACTGTGCAAGGCCACAAAGTACCGTTACCGCCACCTGGACATGGCTGACTTGAAGCTAAGCTGAAGGA
GGCTCAGAAGCACAGGCTGCGCCTGGTGGCCACGGATGGAGCCTTCTCCATGGATGGTGTGCTGCC
CTACAGGAGATCTGCCGCTTGTGCTCAATATGGTGGCCTGGTCTTGTGGATGAATGCCACGCCACTG
GCTTTCTTGGGCCACTGGAAGAGGCACAGATGAGCTGCTAGGTGTGATGGACCAGGTACCATCATCAA
CTCCACTCTGGGAAGGCGCTGGTGGAGCATCAGGAGGCTACACCACGGGCGCTGAGCCGCTGATCTCC
CTGATGCGGCAGGTTCTAGGCCCTACCTCTTCTCCAACAGCCTGCCCCCTGCTGTTGTTGGCTGTGCTT
CTAAGGCCCTGGACCTGCTCATGGAGAGTAATACCATCGTTCAGTCCATGGCCGCAAGACCCGGCGGTT
CCGAAGTAAGATGGAAGCCGCGGCTTCACTATCTCAGGAGCTGATCACCCATCTGCTCTGTGATGCTT
GGTGTGCCCCGGTGTCTCTCAAATGGCTGAGGACATGCTAAAGAAAGGTATCTTTGTCATTGGATTTA
GCTACCCTGTGGTCCGAAGGGCAAGGCCGGATCCGGGTGCAGATCTCAGCCGTACACAGTGAGGAAGA
CATCGACCCTGTGTGGAGGCCCTTGTGGAGGTGGGAAGCTGCACGGAGCTCTGCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001024277
Insert Size:	1251 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_001024277.1</u> , <u>NP_001019448.1</u>
RefSeq Size:	1555 bp
RefSeq ORF:	1251 bp
Locus ID:	366959
Cytogenetics:	7q34