

Product datasheet for **RN212629**

Gnat2 (NM_001108950) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gnat2 (NM_001108950) Rat Untagged Clone
Tag: Tag Free
Symbol: Gnat2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN212629 representing NM_001108950
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGGAGTGGCATCAGTGTGAGGACAAAGAAGCTTGCCAAGAGGTCCAGGGAGCTGAAAAAGAAGCTGC
AGGAGGATGCTGACAAGGAAGCCAAGACTGTCAAGCTGCTGCTTGGTGCGGGAGAGTCAGGGAAGAG
CAGCATCGTCAAACAAATGAAGATCATTACCAGGATGGCTACTACCCGAAGAATGCCTAGAATTCAAA
TCTGTCTATGGAACGTGTTGCAGTCCATCCTGGCTATCATCAGAGCCATGTCCACACTAGGCATTG
ACTATGCTGAACCAAGCTGTGCGGAAGCGGGAGACAGCTCAACAACCTGGCTGACTCCACCGAGGAGGG
GACCATGCCTTCCGAGCTGGTGGAGTCAACAGAAAGTTGTGGAAGGACGGTGGAGTTCAAGCCTGCTTT
GACAGAGCCGAGAGTTCAGCTCAATGACTCGGCATCTTATTACCTGAACCAGCTGGACCGGATTACAG
ACCCTGACTACCTCCCTAATGAGCAAGACGTGCTTCGATCCAGAGTCAAGACAACAGGCATCATCGAGAC
CAAGTTTTCTGTAAAAGATTTGAATTTTAGGATGTTTGACGTGGGAGGGCAGAGATCAGAGAGGAAGAAA
TGGATCCACTGCTTTGAGGGAGTCACCTGCATCATTTTCTGTGCTGCTCTTAGCGCCTATGACATGGTGC
TGGTGGAGGATGACGAGGTGAATCGCATGCATGAGTCTCTACATCTGTTCAACAGCATCTGTAACCACAA
GTTCTTTGCGGCTACTTCCATTGTTCTCTTCTCAACAAGAAGGACCTCTTTGAGAAAAAATTAAGAAA
GTCCACCTCAGTATCTGTTTCCCGGAGTATGACGGCAACAATTCCTATGAGGATGCCGGGAATTACATCA
AGAGTCAGTTCCTTGACCTCAACATGAGGAAAGATGTCAAAGAGATCTACAGCCACATGACTTGTGCTAC
GGACACACAGAACGTCAAATTTGTGTTTGTGATGCAGTCACAGACATTATCATCAAGGAAAACCTCAAGGAC
TGTGGGCTCTTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001108950
Insert Size: 1065 bp



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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_001108950.2</u> , <u>NP_001102420.2</u>
RefSeq Size:	1525 bp
RefSeq ORF:	1065 bp
Locus ID:	365901
Cytogenetics:	2q34