

## Product datasheet for RN210218

### Gcnt2 (NM\_001001511) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gcnt2 (NM_001001511) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gcnt2
Synonyms:	Ignt
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN210218 representing NM_001001511 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGAACCTATGTATGAAATTTTCGCTTTCAGTGCCTCAGCGTGGTGATTTTGTGGTTTTTATCACA  
GCCAGCTAAGCCTGCCAACCTCTACCAGCGTTCAATAGCTCCAGCGAAAGGACGTCTGTCATCGCCTG  
TGATTACGGCTTGCAAAATCATTGGTCTTCGTGCCGGGATCACATCACCACATCCTTTAGAAAACTC  
TCCTGCTCTCAGTACCAGATCCTGAGCCACTATATTACCAGTCCCTTGTCGAAGAAGAAGCTGACTTTC  
CCTTGGCTACGTCTAGTGTATGATAAAGACTTCGACACCTTTGAAAGGCTCTTCAGGGCCATTTACAT  
GCCCCAGAACGTCTACTGTGTGCACGTGGACAGTAAGGCGGCAGAGACCTTCAAAGAAGCGGTGAGGCAT  
TACTGAGCTGTTTCCCAATGCCTTCTGGCTTCTAGGATGGAGCGGGTGGTCTATGGTGGCTTCTCC  
GGCTCCAGGTGACCTGAACTGCATGAGAGATCTGGTGGCTTCCAAAGTCCCTGGAAATATGTCATCAA  
CACCTGCGGGCAGGACTCCCTCTGAAAACCAAAAGAAATAGTTCAGTACCTGAAAGGGTTAAGGGG  
AAAAACCTCACTCCGGGGTGCCTCCCTGAGCATGTAATTACTCGACTAAATACGTATACAAGGAAC  
GTAAGGCAGAGACGGATATTTTATGAAAACACAAATACTTTGAAGACTCCGCCTCACAACACTGGT  
CATCTACTTTGGAACCGCTACGTGGCCCTCACCGAGACTTTGTCAACTTTATCCTGAATGACAAAAGG  
GCCATTGATCTCTTAGAGTGGTCTAAAGATACCTATAGCCCGGATGAACATTTTGGGTGACACTCAATA  
GGATTCCAGGAGTCCCTGGCGCCATGCCAATGCATCCTGGACAGGTAACCTCAGAGCTGTGAAGTGGAA  
GGATATGGAATCGCAGAATGGAGCCTGCCACGGTCACTACGTACATGACATTTGCATCTATGAAAACGGA  
GACTTGAATGGCTGATTAATTCGAGAGCCTGTTTGCTAACAAGTTGAAGTCAACACATACCCTCTCA  
CTGTGGAATGCTTGAAGTGGCTTCGAGAAAGAACGCTCAATCAGAGTGACATTGCCTTACAGCCAG  
CTGGCATTTC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001001511
<b>Insert Size:</b>	1203 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001001511.2</a></u> , <u><a href="#">NP_001001511.1</a></u>
<b>RefSeq Size:</b>	4109 bp
<b>RefSeq ORF:</b>	1203 bp
<b>Locus ID:</b>	306860
<b>Cytogenetics:</b>	17p13