

Product datasheet for RN213431

Gcnt3 (NM_173312) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gcnt3 (NM_173312) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gcnt3
Synonyms:	beta-16-N-acetylglucosaminyltransferase; dl/C2/C4GnT
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN213431 representing NM_173312 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGTTTCATGGAGGAGGTTCTGTTGGCACTATCATGGGTGGACCCTGGGCTGCTACATGCTGCTGGCTA
TCATTGCCCTGAACTGTCCCTCAGATTGAAGTGTGATTCGATGTCATGGATCTGGACTCAAAGGAATT
TCAAAGCCAGTACTGCAGGGACCTCCTGTACAAGACCCTGGAGCTGCCAGCAAAGAGTTCATCAACTGT
TCAGGGGTTCATCCGAGGGGAACAGAAAGCGGTGACCCAGGCTCTGCTGAATAACCTGGAACCTAAGAGGA
AGCGGCAGTCCCTCACAGAGGCTGACTACCTTAGCATGACGGCAGACTGTGAGCACTTCAAGACCCAGAG
GAAGTTTATACAGGTCCCACTGAGCAAAGAAGAGGCCAACTTCCCCATTGCGTACTCCATGGTGATTCAT
GAGAAGATTGAGAACTTTGAAAGGCTGCTGCGAGCTGTGTACACCCCTCAGAACATATACTGTGTCCATG
TGGACCAGAAGTCTTCAGAACTTTTCAGCAGGCAGTCAGGGCCATTGTGTATGCTTCCCAATGTCTT
CATAGCTAATAAGCTGGTGTGCTAGTGGTCTATGCCTCCTGGTCCAGAGTGCAGGCTGATCTGAACTGCATG
GAAGACTTGTCCAGAGCCCCGTGCCGTGGGAGTACCTCCTGAACACCTGTGGACAGACTTCCCAATCA
AAACCAATGCCGAGATGGTCAAGGCCCTCAAGTACTGAATGGCAGAACAGCATGGAGTCAGAGTACC
ACCTCCACATAAAACGTTCCGTTGGAAATACCACTATGAGGTGGCCGACACACTATACAGAACCAGCAAG
GAGAAGACCCCGCCCCCTAACAAACATAACCATGTTCACTGGCAATGCCTACATGGTGGCTTCTCGAGACT
TCATTGAACATGTATTAAGTAACTCAAAGCCCGCAACTGATCGAATGGGTAAGACACTTACAGTCC
TGATGAGCACCTTTGGCCACCCCTCCAGCGTGCCTCATGGATGCCTGGATCAGATCCCTTGACCCCAAA
TTTGACCTATCAGACATGAGATCCATTGCAAGACTAACCAAGTGGCAGGACCATGAGGGAGACATTGAGA
ATGGGGCGCCTTATACGTCTTGCTCAGGAATCCACCAGCGGGCTATCTGTGTTTACGGGTACGGGGACCT
GCACTGGATACTCAGAACCATCACCTCTTGCCAAACAAGTTTGATCAAAGGTGGATGACAATGTTCTT
CAGTGTCTAGAAGAATTTTACGTCACAAGCCATCTATGGGACCGAGTTA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_173312
Insert Size:	1314 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_173312.2</u> , <u>NP_775434.1</u>
RefSeq Size:	1991 bp
RefSeq ORF:	1314 bp
Locus ID:	286976
UniProt ID:	<u>Q8CH87</u>
Cytogenetics:	8q24
Gene Summary:	glycosylation enzyme; transfers glycosyl groups to mucins; controls expression of type I antigens on cell surface [RGD, Feb 2006]