

Product datasheet for **RN208173**

Ggt7 (NM_130423) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ggt7 (NM_130423) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ggt7
Synonyms:	Ggtl3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208173 representing NM_130423
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCAGAGAACGAGGCTAGCCAGGAGAGCGCCCTAGGCGCCTACTCACCAGTAGACTACATGAGCA
 TCACCAGCTTCCCGAGGCTGCCGAGGACGAGCCAGCGCCTGCGGCCCGCTGAGGGGCGTAAGGACGA
 GGATGCCTTCTGGGAGACCCGGATACTGATCCGGACTCCTTCTGAAAGTCTGCCCGGCTTCAGCGATTG
 CCTTCATCTTCTCGGAGATGGGACGCCAGGACGGGTCAACACTTCGCGAGACGCGCAAGGACCCATTCT
 CAGCTGCAGCAGCCGAGTGTCTGCGGCCAGGACGGGCTCACGGTCATCGTCACCGCCTGCCTCACTTT
 TGCCACGGGTGTACCGTGGCGCTGGTCATGCAAATCTACTTCGGGGATCCCCAGATCTCCAGCAAGGT
 GCTGTGGTGACGGATGCCTCTGTGACGGCGCTGGGCATGGAGGTGCTCAGTAAACAGGGCTCTCCG
 TGGACGCAGCTGTGGCAGCAGCCTGTGTTTGGGAATAGTGGCTCCACACAGTTCTGGCCTGGGCGGGG
 AGGCGTGATGCTGTTACACGATATCCGCCGAATGAGAGCCACCTAATTGATTTCCGGGAGTCTGCACCT
 GGGGCCCTCAGAGAAGAGGCCCTGCAGAGATCCTGGGATACCAAGCCTGGGCTCTTGGTGGGGGTCCCCG
 GAATGGTGAAGGGCTATATGAAGCTCATCAACTCTATGGCAGGCTGCCCTGGTCCCAAGTCTGGCCTT
 CGCAGCAGCTGTGGCCCAAGATGGCTTCAACGTGACCCATGATCTAGCTCATGCCTTGGCTGAGCAGCTG
 CCTCCCAATGCATCTGACCGCTTCTGGAACTTCTGCGGTTGGGCCACCCACCTTGGCTGGCTCCC
 TGCTGAGACGGCCTGATCTCGCCGAGGTGCTGGATATACTTGGCATCTCTGGCCCTGCTGCCTTCTACAA
 TGGTGGCAACCTCACGCTGGAGATGGTGGCTGAGGTTGAGCATGCAGGGGGTGTATGACCGAGGAGGAC
 TTCAGCAACTATAGTCTCTCACGGAGAAGCCTGTGTGGAGTATACCGAGGCCACCTGGTTCTCAGTC
 CCCCACCCACACACAGGCCCGGCCCTCATCAGTGCCTCAACATCCTGGAGGGCTTCAACCTCACCG
 CCTGGTATCCCGGAGCAAGCGCTTCACTGGGTAGCAGAGACCCTGAAGATTGCATTGGCCCTGGCTAGC
 AGACTGGGAGACCCTGTCTATGATTCTACCATCAGTGAGAGCATGGACGACATGCTCAGCAAGGTGGAGG
 CTGCCAATTCGGGGCCACATCAGTACTCTCAGGCAGCCCTGCCCACTCCTGCCTGTCTATGAGCT
 GGACGGGGCTCCACAGCTGCCAGGTGCTGGTCATGGGCCCTGACGACTTTCATCGTGGCCATGGTCAGC
 TCCCTGAATCGGCCTTTTGAAGTGGCCTCCTCACTCCCTCCGGGATCCTTCTCAACAGCCAGATGCTAG
 ACTTCTCCTGGCCCAATAGGACTGCTAACCCTCTGCACCCAGCCTGGAGAACTCGGTACAGCCAGGGAA
 GCGGCCCTCTTTCTTCTGCCACTGTAGTCCGACCAGCAGAAGGGCTCTGTGGACCTACCTCGCT
 CTGGGGCCAACGGAGCTGCTCGAGGCCTCAGTGGCCTGACCCAGTTTCTACTGAATGTCCTGACCTTGA
 ATCGGAACCTGAGTGACAGCCTGCCAGAGGACGCTCCACCCAGACCTGCAGTCCAACGTCCTGCAGGT
 GGACAGTGAGTTCACCGAGGAAGAGATTGAGTTCCTGGAAGCCAGGGGTACCATGTGGAGAAGGTAGAT
 GTCTTATCCTGGGTCCACGGCAGTCGGAGAACCAACTTATCATTGGTGTGAAGGACCTCGGAGCC
 TGGATGCAACCGGAGCCAGCATCCT**GTAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_130423
- Insert Size:** 1989 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:

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: [NM_130423.2](#), [NP_569107.2](#)

RefSeq Size: 2589 bp

RefSeq ORF: 1989 bp

Locus ID: 156275

UniProt ID: [Q99MZ4](#)

Cytogenetics: 3q42

Gene Summary: a membrane-bound glycoenzyme [RGD, Feb 2006]