

## Product datasheet for **RN209223**

### **Gltp (NM\_001134413) Rat Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Gltp (NM\_001134413) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Gltp  
**Synonyms:** RGD1564442  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >RN209223 representing NM\_001134413  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGCTGCTGGCCGAGCACCTGCTCAAGCCGCTACCCGACAGCCGGCAGATCGAGACCGGGCCCTTCT  
TGGAGGCGGTGGCCACCTGCCGCCCTTCTCGATTGCCTTGGGTCCCCGGTGTTACGCCCATCAAGGC  
AGACATAAGCGGTAACATCACAAAATCAAAGCCGTCTATGACTGACCCGGCCAAGTTCAAGACTCTG  
CAGAACATCCTGGAGGTGAGAAGGGGATGTATGGGCGGAGTGGCCAAAGTGGGGCCACGCTGGCAC  
TGCTGTGGCTGAAAAGGGCCTGCGCTTCATCCAGGTGTTCTGCAGAGCATCTGCGATGGCGAACGGGA  
CGAGAACCACCCCAACCTCATCCGGTAAACGCCAACAAGGCCTATGAGATGGCGCTAAAGAAGTATCAC  
GGCTGGCTGGTGCAAGATCTTCAAGGCCGACTGTATGCAGCACCATAACAAGTCTGACTTCTAAAGG  
CGCTCTCAAGGGGCAGAACGTGACGGAGGAGGAGTGCCTGGAGAAGATCCGCCTTCTCTGGTCAACTA  
CACGGCCACCATCGACGCCATCTATGAAATGTATACCAAGATGAACGCGGAGCTTGACTACACCGT**GTAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001134413  
**Insert Size:** 630 bp



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<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>NM_001134413.1, NP_001127885.1</u>
<b>RefSeq Size:</b>	1666 bp
<b>RefSeq ORF:</b>	630 bp
<b>Locus ID:</b>	288707
<b>UniProt ID:</b>	<u>B0BNM9</u>
<b>Cytogenetics:</b>	12q16
<b>Gene Summary:</b>	Accelerates the intermembrane transfer of various glycolipids. Catalyzes the transfer of various glycosphingolipids between membranes but does not catalyze the transfer of phospholipids. May be involved in the intracellular translocation of glucosylceramides (By similarity).[UniProtKB/Swiss-Prot Function]