

## Product datasheet for MC212714

### Gxylt1 (NM\_001033275) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Gxylt1 (NM\_001033275) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Gxylt1  
**Synonyms:** Glt8d3; Gm87; Gm1228  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC212714 representing NM\_001033275  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGCGGGCTACCTGCGGGTCTAGGGCTGTGCCTGGCCTGCGGCTTCTGCTCGCTGCTGTACGCCTTCA  
 GCCAGCTCGCGGTGTCTTGGAGGAAGGAGCTGCCGGGGCCGAGGCCGAGCCGCGGTAGTTTCTCTG  
 GCTGGCGGACGGTGGACGCGGCACGGGGAGAGGCGCGGGCAGCGGGCCCGGGCCGACGGGCAGGTAT  
 GATATGAAAACAAGGCCGATGAGAAAATGCACCTTGCTGTTGTTGCCTGTGGTGAGAGACTGGAAGAAA  
 CTGTGACTATGTTGAAGTCAGCTCTGATTTTCAGCATCAAGCCACTGCACGTCCACATCTTTGCTGAAGA  
 CCAACTGCACGATAGCTTTAAAGACAGACTTGCCAGCTGGTCTTCTGCGGAGATTTGACTACAGCCTG  
 TACCCTATCACCTTCCAGGTGACAGCGCCGCGGACTGGAAGAAGCTCTTTAAGCCCTGTGCGTCCCAGA  
 GGCTGTTCTTGCCATTAATACTGAAAGAAGTTGACTCACTGTTGTATGTGGACTGATATCCTTTTTTT  
 ACGACCTGTTGATGATATTTGGTCATTACTAAAGAAATTAATCCACACAAATTGCTGCGATGGCACCA  
 GAACACGAGGAGCCAGAATTGGATGGTATAATCGCTTTCGCCGACCCGTAATGGGAGGACGGGCG  
 TGAACCTGGAGTGATGCTGATGAACATGACCCGGATGAGGAGGAAGTACTTCAAGAATGATATGACAAC  
 TGC GCGGCTACAATGGGGGACATACTTATGCCACTGCTTAAAAAGTACAACTGAACATCACGTGGGGC  
 GATCAGGATCTGTAAATATCGTGTTCACCAATCCAGAAAGCCTCTTTGTTTTCCATGTCAATGGA  
 ATTACCGACCAGATCACTGTATATATGGGAGCAACTGCCGAGAAGCAGAAGAAGAAGGAGTCTTCATTCT  
 TCATGGAAACAGAGGTGTTTACCATGACGACAAGCAGCCAGCATTAGAGCTGTGTATGAAGCACTAAGA  
 AATTGTTGGTGTCTAACAGCGTCAGCAGTGTGCTGCGTGGGTTTCAGGGGATGGAGTGGGACGGACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001033275



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<b>Insert Size:</b>	1119 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>NM_001033275.4, NP_001028447.1</u>
<b>RefSeq Size:</b>	6534 bp
<b>RefSeq ORF:</b>	1119 bp
<b>Locus ID:</b>	223827
<b>UniProt ID:</b>	<u>Q3UHH8</u>
<b>Cytogenetics:</b>	15 E3
<b>Gene Summary:</b>	Glycosyltransferase which elongates the O-linked glucose attached to EGF-like repeats in the extracellular domain of Notch proteins by catalyzing the addition of xylose.[UniProtKB/Swiss-Prot Function]