

Product datasheet for **MC215876**

Gxylt2 (NM_198612) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gxylt2 (NM_198612) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gxylt2
Synonyms:	Glt8d4; Gm152
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC215876 representing NM_198612
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGAAGCTCCGCAGCAAGGCGGCAGCGTCTCTGCTCGCGCTGGCCGTGCTGCTAGCGCTGCTGT
 CCTTGCGCGCCCGCGGACCCGAGCCCTGGGTTCCCGCGCGCCGAGGCTGCCCTCAGCGCCG
 CCACGCGCCGGTCCACGCTCCCTCCGAGCCCGCGCCTTCCCGGAGCCGCTGGCCGCGCTCCCC
 AGGCGCCAGCCCCACGTCTGCGCCCCGAGCGGGCCGCCGCGCGCCAGCCGCGAGAAGTTGGCGA
 GGAGGCCCTGGGAAACGAGGAGCTTGACTCTGTGCCACCCGAACCTGGATTACCTGGCCGTGGTGGC
 CTGTGGCAACCGGCTGGAGGAACTCTGGTCATGCTCAAGTCAGCTGTGCTTTTCAGCCACAGGAAGATG
 CGCTTTCACATCTTCACAGAAGATGCTCTGAAGCCCGAGTTTGATAAACAGTTGCGCCAGTGGCCCGACT
 CCTATACAAAGAAGTTTGAGCACAGACTCTACCCTATCACATTTCCGTCGGAACCCCTCAGGAATGGAA
 GAAACTATTCAAACCTGTGCCGCCAGAGGCTCTTTCTCCCGGCGATCTAAAGGACGTGGACTCGCTT
 CTCTACGTGGACACTGACGTCTCTTTCTGCGGCTGTGGACGACATCTGGAAGCTTCTGAGGCAGTTTA
 ACTCCACCCAGCTTGCTGCTATGGCCCCAGAGCATGAAATCCCGAAGATCGGCTGGTACAGTCGCTTTGC
 CCGCATCCTTTCTACGGCTCTGCCGGGGTTAACTCCGGGGTCATGCTCATGAACTTGACTCGCATAAGA
 AATACCCAGTTCAAGAACAGCCTGATCCAGCAGGCCTGGCTTGGGAGGAGATGCTGCTTCCACTTACC
 AGAAGTATAAAGTGCCATCACATGGGGAGACCAGGATTTATTAATATTATTTTATTACAACCCAGA
 GTGTCTCTATGTGTTCCCTGCCAGTGGAACACCGCCCTGACCATTGCATGTATGGAAGCAACTGCAAA
 GAGGCTGAACGGGAAGGCGTGTCTGTTCTGCATGGCAACCGGGGTGTCTACCACGACGACAAACAACCCA
 CTTTCCGAGCGCTTTATGAAGCCATCCGGGATTTCCCTTTCAGGACAATCTGTTTCAATCTATGTACTA
 CCCTCTGCAGCTGAAGTTTTTGGAGACGGTGACACCCCTGTGTGGACGGATCCCCAGGTTTTTCTCAAG
 CAAATTGAGAAGACGATGCGAAGGGCTTACGAGAAGCACGTCATCATCCATGGCCCCAACCCCATGA
 GCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_198612

Insert Size: 1335 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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_198612.2</u> , <u>NP_941014.1</u>
RefSeq Size:	1826 bp
RefSeq ORF:	1335 bp
Locus ID:	232313
UniProt ID:	<u>Q810K9</u>
Cytogenetics:	6 D3
Gene Summary:	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]