

Product datasheet for **MC204569**

Xxylt1 (NM_198626) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Xxylt1 (NM_198626) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Xxylt1
Synonyms:	AI480653
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC031419
 TGCTGCTCTGAGTGGGCCCGGCTGCTGGGCCGCCGGCTCCGGCGCATGGGCCTCCTCCGAGGCGGAGCTG
 CGTGCGCTCGGGCCATGGCGCGCTGGGCGCGTTGCGCTCGCACTACTGCGCGTCTGCTGGCCGCGGC
 GCTGGCGGTGTGCGCCTTCTACTACCTGGGCTCAGGCCGCTTGCCCTTCTCCAGCGCCACCAAGAGGCTG
 AAGGAGGCGCGCGCGGGGCCGCCGCCACGCCCGCCAGCTGGCCCGGGGCTCCGCGGCGC
 CGGGCTTCGGGGCCAAGGCCAAGAGCCTGGAGGGCGGCGTGGTGGTCCCGGTGGAATACCACTGCTGAT
 GATGTTACCAAGGCGGAGCACAACGCGCGCTGCAGGCCAAGGCTCGGGTGGCGTGAAGTCCCTGCTG
 CGCTCGCCAAGTTCGAGGCGCACGAGGTGCTTAACCTCCAATTCTGAGCGAAGAGGCCAGCCGCGAGG
 TGGCCAAGGCCCTGCTGCGGGAGCTCCTGCCGCCGCCCGCGGCTTCAAGTGCAAGGTATCTTCCATGA
 TGTGCTGTGCTGACAGATAAGCTCTTCCCGTCTGAGGCGCATGCAGAAGTACTTCAGTGTGCTGCTCG
 GGGACCTACTACAGCGACTCCATCTTCTCTCTCGGTTGCCATGCACCAGATCATGCCAAAGAGATCC
 CGAGGATCATCCAGCTGGACCTTGACCTGAAGTATAAGACCAACATCCGAGAGCTGTTTGAGGAGTTCGA
 CAATCTCTGCCAGGCGTGTATCGGCATAGCCAGAGAGATGCAGCCTGTGTACAGGCACACGTTCTGG
 CAGTTCGCCCATGAGAACCCCAAGACCAGAGTTGGGGACCCTCCGCTGAAGGACTCCCTGGCTTCAACA
 GTGGAGTGATGTTGCTGAACCTGGAGGCCATGCCCAAGTCTCCGCTCTACAGCCATCTGTGGAACCTTC
 GTGGGTACAGCAGCTTGCTGACAAGTACCACTCCGGGGCCACCTGGGGGACCAGGACTTCTTACCATG
 ATTGGCATGGAGCACCTGAACCTTCCATGTGCTGGACTGCACCTGGAACCGGCAGCTGTGCACCTGGT
 GGAGGGACCATGGCTACAGCGATGTCTCCAGGCATACTTCCGCTGTGAGGGCCACGTCAAGATCTACCA
 TGGGAAGTGAACACACCCATCCAGAGGACTAGGCACAGCTCACCCGCGATGCTGGTGGGGTCCCGG
 GCCTGGGGAAGAAAGAGAGACTCTGCTAGGACACTCTTTAGGGGTGAGGTGCTGCAGACCTCCAGCTGG
 CTGGCTCCTATCCAGCCAATATCCAAAGAAGCTTAGCTGAGCCTTGTGCTGCTCGAGCCGTTTTCTCC
 AGGGCAGCCCGAAGGACTGACACGGGTGTCTTCCAGGAGGTGGTGAAGATACGGAAGGAAGGAGAATTG
 CACCCTTGTCCACACGGAATCAAAACCTTGTAAAGAACTGGCTTGTAGACCAACTAAGCATTTCAAG
 CGGCAGGCTCTAATGCTTGGTGAGAGAAGAGGTGGGTGCTACTGTGGCTCCAGTGAGCACTGAATGCCT
 AGTCAGGGTTTTAACAAGCAGCCAGGGCTTGAGCCTCAAAGGAATGCCACAGTCCACATCCTTTCCC
 AGGAGGCTTTGTACCTCCTCCAGATGTTGCTGCTTGGTGTGGCTTCAAGAGCAGCACCTCATTAGA
 TAAAGACTGAGCACATAAAAAAACCTTACTATAGTGCCAGAGCTCTTATCCCTCCTCTATCCAGAA
 CCCCACCTTCTCTGTGTCTACCTGCTCCAGGTGACCTGACTTCTACTAAAGAATCAAACCCGTCATC
 CAAGGACAGAGGTTGGCCATGCCGGGCGCATGCACTAGATTCACTCCAAGGAATCACTCCAAGTCTAAAG
 TACTGGGTACAAGTACAATTGGGGGGGCTTGGGAAAGGGTGGCCTCCTGCTCTCATTGTAGTCTCTGGA
 GAAGAAAGAAAACCAACTCGTAATTGTCCACTGTGTCATGCCAGCCCTACCCCTTCCAGAAGTGAGT
 ACCATTTCTCTGTGTGCTTGAGACGGGCTTGTGAGTCACTGCCACATGAAGCCCAAGGCCGTGTC
 TGCACAGTCCAGCTCATGCTCCTCAGGCAAGAAATGGGAGATTCTATTGTATATAGTCAGTACCATGAGC
 GACAGACACTAGCTGATGAATAGACTTTGAGAAGTCTTGAGTCAAGGTGTTTGTCTCTGGCCAGTGTTT
 AGGGCTCTGGATGGGCAGTAGGATCAGCATCAAGCAGAAGGCCTAAGAGGCCCAACCGGCAGGCCTGCAC
 GTGGGCGCAGTGGGTGGTAGGTACTGCCCTGTTGCTTCCAGGTGCAGAACTATCTGTTCTAGCTCTTA
 GCAGGCTCATCCCTGCCGGGAACAAGCTCAGAAGTCTCTGGCTCCTTAGCCAGACCTCCAGTTCCAT
 TCATGCTGGTGAGTGGCACACTCCTTCACTGGCCCTCTGCCGGGCCAGTTCTCTGTTCTCCTTGCTAC
 TTGATTTCTATTATAGTGTCTGTTATTAGATGCCTGCGTGCAGGATCGTCTTCAAGATTATATA
 TGTGCCCTAGATAATATTCATGAAAACCTCATCCAGTTCAGTCCAGCTCTAAAGTGAAGGATGAAACA
 GAGACACGGACAGGTTCTCTGCTGTGCTGTTTACTGAAGCTTTTACTGTGCAAAAATGTTGGAACAGC
 TTAAGATGTTGGCTAGAGAAGCAGATAAATAATGCATACTGCAACCGTATGGTGAATATATCGAAATC
 ATTTGAAGGAATATTTAATGTACCAGGAAATGCTTATGCTAGTGAGTAAAGAATACACAATAAAAAAAA AAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_198626
Insert Size: 1140 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>BC031419</u> , <u>AAH31419</u>
RefSeq Size:	2947 bp
RefSeq ORF:	1140 bp
Locus ID:	268880
UniProt ID:	<u>Q3U4G3</u>
Cytogenetics:	16 B2
Gene Summary:	Alpha-1,3-xylosyltransferase, which elongates the O-linked xylose-glucose disaccharide attached to EGF-like repeats in the extracellular domain of target proteins by catalyzing the addition of the second xylose. Known targets include Notch proteins and coagulation factors, such as F9.[UniProtKB/Swiss-Prot Function]