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Product datasheet for SC210534

XYLT2 (NM_022167) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: XYLT2 (NM_022167) Human 3' UTR Clone

Vector: pMirTarget (PS100062)

Symbol: XYLT2

Synonyms: PXYLT2; SOS; XT-II; XT2; xylT-II

ACCN: NM_022167

Insert Size: 924 bp

Insert Sequence:

>SC210534 3'UTR clone of NM_022167
The sequence shown below is from the reference sequence of NM_022167. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCTGTCAAAGCAGACGGGCGACTCAGGTAGCAGGGCCCCAGCCAGTACCCGTGGAGGACCCGGGAAATT
GCACCTTACAGACAGTGGAGGGGTGTCCCCTCCCACAGGCAAGAACCAGAGGCCCAGGCTGCACACCCA
TTTCAGCCATCAAGAACCCACACAGACGGCAGGGAAGGTGGACACAGTATGAACTACTGCTGATGTCTC
TGTTGGGGATCAGAGGGCTGGCGGGAACGCGAGAAGGGCACCAGCAGCATTCCACACCCAGCTCTTCCT
CACCTTCCTGTCTAGTTTGAATTTCTTTTTTTTCTTTTTTTTTTTTTTTTTTTAATTTAAAAAGGAAAA
TGGGTGGTTGGGAGAGAAACTAGAACAGAAGATGTGCAATAGGGCTCAGAGCAGCCCCAGGAAGTGGGC
CATGTCTGTGGGGAGCAGGGGCTTGCTGAGCCCACCTGCTATTGTTCTGCACGAGGCTGGGCCTGCCTC
ACTCTCCAGGGCCTCATGCCCCATTCTGGGCCTGTGGTGCTCGTGGCTGAGGCTCCACAGGGCTGCAAG
TGCCCTGCCAGGCTCTAAGGCCCGAAGAACAGGTGATATCGGGGGCGCTGCAGAGCTGGGCTCTAGCAG
GACAGTTCTTTTGTAGCCAGGGGACCCTAGAAGTGGGGTGGGGCGGCTCCAGGGCTTTCCAGCATACCC
TGCCCCTGGATGGGAAAGGCAGGGTCAGGGCCCACTGAGACCCATGCAGAGTTTCCAGGTGTGCACTGG
AAGTGAGGTCACATGAGCAGCGTGGGAAGAAGACTCTGTCAAGACTCTCAGAAGAACCTGGAGTAATTG
TGCCTGAAGCTCAGCGTGAAGTCTGAAATATGCAACAGAAGAAATATATCTCTATCTCTCTACTCTGGG
CTCTGTGTTTTTCCTCCTGGGTGTCAG
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_022167.4
Summary:	The protein encoded by this gene is an isoform of xylosyltransferase, which belongs to a family of glycosyltransferases. This enzyme transfers xylose from UDP-xylose to specific serine residues of the core protein and initiates the biosynthesis of glycosaminoglycan chains in proteoglycans including chondroitin sulfate, heparan sulfate, heparin and dermatan sulfate. The enzyme activity, which is increased in scleroderma patients, is a diagnostic marker for the determination of sclerotic activity in systemic sclerosis. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Dec 2013]
Locus ID:	64132
MW:	34.2