

Product datasheet for **RC222133L3V**

XYLT1 (NM_022166) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	XYLT1 (NM_022166) Human Tagged ORF Clone Lentiviral Particle
Symbol:	XYLT1
Synonyms:	DBQD2; PXYLT1; XT-I; XT1; XTl; xylT-I; XYLTl
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_022166
ORF Size:	2877 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222133).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_022166.2 , NP_071449.1
RefSeq Size:	4178 bp
RefSeq ORF:	2880 bp
Locus ID:	64131
UniProt ID:	Q86Y38
Cytogenetics:	16p12.3
Protein Families:	Transmembrane
Protein Pathways:	Chondroitin sulfate biosynthesis, Heparan sulfate biosynthesis, Metabolic pathways



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MW: 107.4 kDa

Gene Summary: This locus encodes a xylosyltransferase enzyme. The encoded protein catalyzes transfer of UDP-xylose to serine residues of an acceptor protein substrate. This transfer reaction is necessary for biosynthesis of glycosaminoglycan chains. Mutations in this gene have been associated with increased severity of pseudoxanthoma elasticum.[provided by RefSeq, Nov 2009]