

Product datasheet for **MR209907L4V**

Xylt2 (NM_145828) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Xylt2 (NM_145828) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Xylt2
Synonyms:	E030002B02Rik; XT-II; XT2; xylT-II
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_145828
ORF Size:	2007 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209907).
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_145828.2
RefSeq Size:	3424 bp
RefSeq ORF:	2598 bp
Locus ID:	217119
UniProt ID:	Q9EPL0
Cytogenetics:	11 D



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Gene Summary:

Catalyzes the first step in the biosynthesis of chondroitin sulfate, heparan sulfate and dermatan sulfate proteoglycans, such as DCN (PubMed:17517600). Transfers D-xylose from UDP-D-xylose to specific serine residues of the core protein (By similarity).[UniProtKB/Swiss-Prot Function]