

## Product datasheet for **MR204835L3V**

### St3gal6 (NM\_018784) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	St3gal6 (NM_018784) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	St3gal6
Synonyms:	1700023B24Rik; AI930218; AW552396; Siat10; St3galVI
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_018784
ORF Size:	990 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR204835).
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. <a href="#">More info</a>
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:	<a href="#">NM_018784.2</a> , <a href="#">NP_061254.1</a>
RefSeq Size:	1593 bp
RefSeq ORF:	990 bp
Locus ID:	54613
UniProt ID:	<a href="#">Q8VIB3</a>
Cytogenetics:	16 C1.2



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**Gene Summary:**

Involved in the synthesis of sialyl-paragloboside, a precursor of sialyl-Lewis X determinant. Has a alpha-2,3-sialyltransferase activity toward Gal-beta1,4-GlcNAc structure on glycoproteins and glycolipids. Has a restricted substrate specificity, it utilizes Gal-beta1,4-GlcNAc on glycoproteins, and neolactotetraosylceramide and neolactohexaosylceramide, but not lactotetraosylceramide, lactosylceramide or asialo-GM1 (By similarity).[UniProtKB/Swiss-Prot Function]