

Product datasheet for **MR205286L4V**

St3gal2 (NM_009179) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	St3gal2 (NM_009179) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	St3gal2
Synonyms:	AI429591; AW822065; Siat5; ST3GalII
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009179
ORF Size:	1053 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205286).
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_009179.3 , NP_033205.2
RefSeq Size:	4470 bp
RefSeq ORF:	1053 bp
Locus ID:	20444
UniProt ID:	Q11204
Cytogenetics:	8 E1



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Gene Summary:

Responsible for the synthesis of the sequence NeuAc-alpha-2,3-Gal-beta-1,3-GalNAc- found in terminal carbohydrate groups of certain glycoproteins, oligosaccharides and glycolipids. SIAT4A and SIAT4B sialylate the same acceptor substrates but exhibit different Km values. [UniProtKB/Swiss-Prot Function]