

Product datasheet for **MR206325L4V**

St6gal1 (NM_145933) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	St6gal1 (NM_145933) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	St6gal1
Synonyms:	AW742324; Sj; Siat1; St6G; St6gal; St6Gal-I; St6gall
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_145933
ORF Size:	1212 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR206325).
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_145933.3
RefSeq Size:	4508 bp
RefSeq ORF:	1212 bp
Locus ID:	20440
UniProt ID:	Q64685
Cytogenetics:	16 14.03 cM



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Gene Summary:

This gene encodes a member of glycosyltransferase family 29. The encoded protein is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. The protein, which is normally found in the Golgi but can be proteolytically processed to a soluble form, is involved in the generation of the cell-surface carbohydrate determinants and differentiation antigens HB-6, CD75, and CD76. This gene has been incorrectly referred to as CD75. Alternatively spliced transcript variants have been observed for this gene, and a pseudogene of this gene is located on chromosome 15. [provided by RefSeq, Nov 2011]