

Product datasheet for **RC207761L2V**

ST3GAL2 (NM_006927) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ST3GAL2 (NM_006927) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ST3GAL2
Synonyms:	Gal-NAc6S; SIAT4B; ST3GalA.2; ST3GALII
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_006927
ORF Size:	1050 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207761).
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_006927.2
RefSeq Size:	4450 bp
RefSeq ORF:	1053 bp
Locus ID:	6483
UniProt ID:	Q16842
Cytogenetics:	16q22.1
Domains:	Glyco_transf_29
Protein Families:	Transmembrane



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Protein Pathways: Glycosphingolipid biosynthesis - ganglio series, Glycosphingolipid biosynthesis - globo series, Keratan sulfate biosynthesis, Metabolic pathways, O-Glycan biosynthesis

MW: 40.2 kDa

Gene Summary: The protein encoded by this gene is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. The encoded protein is normally found in the Golgi but can be proteolytically processed to a soluble form. This protein, which is a member of glycosyltransferase family 29, can use the same acceptor substrates as does sialyltransferase 4A. [provided by RefSeq, Jul 2008]