

Product datasheet for **RC216090L4V**

ST3GAL4 (NM_006278) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ST3GAL4 (NM_006278) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ST3GAL4
Synonyms:	CGS23; gal-NAc6S; NANTA3; SAT3; SIAT4; SIAT4C; ST-4; ST3GalA.2; ST3GalIV; STZ
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006278
ORF Size:	987 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216090).
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_006278.1
RefSeq Size:	1766 bp
RefSeq ORF:	990 bp
Locus ID:	6484
UniProt ID:	Q11206
Cytogenetics:	11q24.2
Domains:	Glyco_transf_29
Protein Families:	Secreted Protein, Transmembrane



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Protein Pathways: Glycosphingolipid biosynthesis - lacto and neolacto series, Metabolic pathways

MW: 37.3 kDa

Gene Summary: This gene encodes a member of the glycosyltransferase 29 family, a group of enzymes involved in protein glycosylation. The encoded protein is targeted to Golgi membranes but may be proteolytically processed and secreted. The gene product may also be involved in the increased expression of sialyl Lewis X antigen seen in inflammatory responses. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]