

## Product datasheet for **RC229973L4V**

### Carbohydrate sulfotransferase 4 (CHST4) (NM\_001166395) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Carbohydrate sulfotransferase 4 (CHST4) (NM_001166395) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Carbohydrate sulfotransferase 4
Synonyms:	GlcNAc6ST2; GST3; HECGLCNAC6ST; LSST
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001166395
ORF Size:	1158 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC229973).
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_001166395.1</a>
RefSeq Size:	2197 bp
RefSeq ORF:	1161 bp
Locus ID:	10164
UniProt ID:	<a href="#">Q8NCG5</a>
Cytogenetics:	16q22.2
Protein Families:	Transmembrane



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**Protein Pathways:** Keratan sulfate biosynthesis, Metabolic pathways

**MW:** 45.1 kDa

**Gene Summary:** This gene encodes an N-acetylglucosamine 6-O sulfotransferase. The encoded enzyme transfers sulfate from 3'phosphoadenosine 5'phospho-sulfate to the 6-hydroxyl group of N-acetylglucosamine on glycoproteins. This protein is localized to the Golgi and is involved in the modification of glycan structures on ligands of the lymphocyte homing receptor L-selectin. Alternate splicing in the 5' UTR results in multiple transcript variants that encode the same protein. [provided by RefSeq, Oct 2009]