

## Product datasheet for **RC208446L4V**

### CHST7 (NM\_019886) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	CHST7 (NM_019886) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CHST7
Synonyms:	C6ST-2; GST-5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_019886
ORF Size:	1458 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208446).
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_019886.2</a>
RefSeq Size:	2330 bp
RefSeq ORF:	1461 bp
Locus ID:	56548
UniProt ID:	<a href="#">Q9NS84</a>
Cytogenetics:	Xp11.3
Domains:	Sulfotransfer
Protein Families:	Transmembrane



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**Protein Pathways:** Chondroitin sulfate biosynthesis

**MW:** 54.1 kDa

**Gene Summary:** This gene is a member of the Gal/GalNAc/GlcNAc (galactose/N-acetylgalactosamine/N-acetylglucosamine) 6-O-sulfotransferase (GST) family. Members of this family encode enzymes that catalyze the specific addition of sulfate groups to distinct hydroxyl and amino groups of carbohydrates. The encoded protein catalyzes the sulfation of 6-hydroxyl group of GalNAc in chondroitin. [provided by RefSeq, Aug 2013]