

## Product datasheet for **RC210796L4V**

### CHST3 (NM\_004273) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	CHST3 (NM_004273) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CHST3
Synonyms:	C6ST; C6ST1; HSD
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004273
ORF Size:	1437 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210796).
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_004273.2</a>
RefSeq Size:	6978 bp
RefSeq ORF:	1440 bp
Locus ID:	9469
UniProt ID:	<a href="#">Q7LGC8</a>
Cytogenetics:	10q22.1
Protein Families:	Transmembrane
Protein Pathways:	Chondroitin sulfate biosynthesis



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**MW:** 54.7 kDa

**Gene Summary:** This gene encodes an enzyme which catalyzes the sulfation of chondroitin, a proteoglycan found in the extracellular matrix and most cells which is involved in cell migration and differentiation. Mutations in this gene are associated with spondylepiphyseal dysplasia and humerospinal dysostosis. [provided by RefSeq, Mar 2009]