

## Product datasheet for **RC206489L2V**

### CHST15 (NM\_015892) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	CHST15 (NM_015892) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CHST15
Synonyms:	BRAG; GALNAC4S-6ST
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_015892
ORF Size:	1683 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206489).
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_015892.2</a>
RefSeq Size:	4813 bp
RefSeq ORF:	1686 bp
Locus ID:	51363
UniProt ID:	<a href="#">Q7LFX5</a>
Cytogenetics:	10q26.13
Domains:	Sulfotransfer
Protein Families:	Transmembrane



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**Protein Pathways:** Chondroitin sulfate biosynthesis

**MW:** 64.9 kDa

**Gene Summary:** Chondroitin sulfate (CS) is a glycosaminoglycan which is an important structural component of the extracellular matrix and which links to proteins to form proteoglycans. Chondroitin sulfate E (CS-E) is an isomer of chondroitin sulfate in which the C-4 and C-6 hydroxyl groups are sulfated. This gene encodes a type II transmembrane glycoprotein that acts as a sulfotransferase to transfer sulfate to the C-6 hydroxal group of chondroitin sulfate. This gene has also been identified as being co-expressed with RAG1 in B-cells and as potentially acting as a B-cell surface signaling receptor. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2012]