

Product datasheet for **RC216985L4V**

CHST13 (NM_152889) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CHST13 (NM_152889) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CHST13
Synonyms:	C4ST3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_152889
ORF Size:	1023 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216985).
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_152889.1
RefSeq Size:	1792 bp
RefSeq ORF:	1026 bp
Locus ID:	166012
UniProt ID:	Q8NET6
Cytogenetics:	3q21.3
Domains:	Sulfotransfer2
Protein Families:	Transmembrane



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Protein Pathways: Chondroitin sulfate biosynthesis, Sulfur metabolism

MW: 38.9 kDa

Gene Summary: The protein encoded by this gene belongs to the sulfotransferase 2 family. It is localized to the golgi membrane, and catalyzes the transfer of sulfate to the C4 hydroxyl of beta-1,4-linked N-acetylgalactosamine (GalNAc) flanked by glucuronic acid residue in chondroitin. Chondroitin sulfate constitutes the predominant proteoglycan present in cartilage and is distributed on the surfaces of many cells and extracellular matrices. [provided by RefSeq, Aug 2011]