

Product datasheet for **RC208428L4V**

CHST14 (NM_130468) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CHST14 (NM_130468) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CHST14
Synonyms:	ATCS; D4ST1; EDSMC1; HNK1ST
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_130468
ORF Size:	1128 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208428).
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_130468.2
RefSeq Size:	2213 bp
RefSeq ORF:	1131 bp
Locus ID:	113189
UniProt ID:	Q8NCHO
Cytogenetics:	15q15.1
Protein Pathways:	Chondroitin sulfate biosynthesis
MW:	43 kDa



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Gene Summary:

This gene encodes a member of the HNK-1 family of sulfotransferases. The encoded protein transfers sulfate to the C-4 hydroxyl of N-acetylgalactosamine residues in dermatan sulfate. Mutations in this gene have been associated with adducted thumb-clubfoot syndrome. [provided by RefSeq, Mar 2010]