

Product datasheet for **RC210377L4V**

CHST6 (NM_021615) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CHST6 (NM_021615) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CHST6
Synonyms:	C-GlcNAc6ST; glcNAc6ST-5; gn6st-5; GST4-beta; hCGn6ST; MCDC1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_021615
ORF Size:	1185 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210377).
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_021615.4
RefSeq Size:	6885 bp
RefSeq ORF:	1188 bp
Locus ID:	4166
UniProt ID:	Q9GZX3
Cytogenetics:	16q23.1
Protein Pathways:	Keratan sulfate biosynthesis, Metabolic pathways
MW:	44.1 kDa



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Gene Summary:

The protein encoded by this gene is an enzyme that catalyzes the transfer of a sulfate group to the GlcNAc residues of keratan. Keratan sulfate helps maintain corneal transparency. Defects in this gene are a cause of macular corneal dystrophy (MCD). [provided by RefSeq, Jan 2010]