

Product datasheet for **RC219550L2V**

HS6ST1 (NM_004807) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	HS6ST1 (NM_004807) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HS6ST1
Synonyms:	HH15; HS6ST
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_004807
ORF Size:	1233 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219550).
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_004807.2 , NP_004798.2
RefSeq Size:	3966 bp
RefSeq ORF:	1236 bp
Locus ID:	9394
UniProt ID:	O60243
Cytogenetics:	2q14.3
Protein Families:	Transmembrane
Protein Pathways:	Heparan sulfate biosynthesis



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MW: 48.2 kDa

Gene Summary: The protein encoded by this gene is a member of the heparan sulfate biosynthetic enzyme family. Heparan sulfate biosynthetic enzymes are key components in generating a myriad of distinct heparan sulfate fine structures that carry out multiple biological activities. This enzyme is a type II integral membrane protein and is responsible for 6-O-sulfation of heparan sulfate. This enzyme does not share significant sequence similarity with other known sulfotransferases. A pseudogene located on chromosome 1 has been found for this gene. [provided by RefSeq, Jul 2008]