

## Product datasheet for **RC221187L4V**

### HS6ST3 (NM\_153456) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	HS6ST3 (NM_153456) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HS6ST3
Synonyms:	HS6ST-3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_153456
ORF Size:	1413 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221187).
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_153456.2</a>
RefSeq Size:	7817 bp
RefSeq ORF:	1416 bp
Locus ID:	266722
UniProt ID:	<a href="#">Q8IZP7</a>
Cytogenetics:	13q32.1
Protein Families:	Transmembrane
Protein Pathways:	Heparan sulfate biosynthesis



[View online »](#)

**MW:** 54.7 kDa

**Gene Summary:** Heparan sulfate (HS) sulfotransferases, such as HS6ST3, modify HS to generate structures required for interactions between HS and a variety of proteins. These interactions are implicated in proliferation and differentiation, adhesion, migration, inflammation, blood coagulation, and other diverse processes (Habuchi et al., 2000 [PubMed 10644753]).[supplied by OMIM, Mar 2008]