

## Product datasheet for **RC210819L3V**

### HS3ST2 (NM\_006043) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	HS3ST2 (NM_006043) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HS3ST2
Synonyms:	3OST2; 30ST2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_006043
ORF Size:	1101 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210819).
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_006043.1</a>
RefSeq Size:	1968 bp
RefSeq ORF:	1104 bp
Locus ID:	9956
UniProt ID:	<a href="#">Q9Y278</a>
Cytogenetics:	16p12.2
Domains:	Sulfotransfer
Protein Families:	Transmembrane



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**Protein Pathways:** Heparan sulfate biosynthesis

**MW:** 41.5 kDa

**Gene Summary:** Heparan sulfate biosynthetic enzymes are key components in generating a myriad of distinct heparan sulfate fine structures that carry out multiple biologic activities. The enzyme encoded by this gene is a member of the heparan sulfate biosynthetic enzyme family. It is a type II integral membrane protein and possesses heparan sulfate glucosaminyl 3-O-sulfotransferase activity. This gene is expressed predominantly in brain and may play a role in the nervous system. [provided by RefSeq, Jul 2008]