

## Product datasheet for **MR206292L4V**

### Hs6st1 (NM\_015818) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Hs6st1 (NM_015818) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Hs6st1
Synonyms:	6Ost1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_015818
ORF Size:	1206 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR206292).
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_015818.2</a> , <a href="#">NP_056633.2</a>
RefSeq Size:	3732 bp
RefSeq ORF:	1236 bp
Locus ID:	50785
UniProt ID:	<a href="#">Q9QYK5</a>
Cytogenetics:	1 B



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**Gene Summary:**

6-O-sulfation enzyme which catalyzes the transfer of sulfate from 3'-phosphoadenosine 5'-phosphosulfate (PAPS) to position 6 of the N-sulfoglucosamine residue (GlcNS) of heparan sulfate. Critical for normal neuronal development where it may play a role in neuron branching. May also play a role in limb development. May prefer iduronic acid.  
[UniProtKB/Swiss-Prot Function]