

## Product datasheet for **MR223170L4V**

### Hs3st3b1 (NM\_018805) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Hs3st3b1 (NM_018805) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Hs3st3b1
Synonyms:	3-OST-3B; 3Ost3b; 3OST3B1; AU041882; AW536289; Hs3st3b; m3-OST-3B
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_018805
ORF Size:	1173 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223170).
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_018805.2</a> , <a href="#">NP_061275.2</a>
RefSeq Size:	6004 bp
RefSeq ORF:	1173 bp
Locus ID:	54710
UniProt ID:	<a href="#">Q9QZS6</a>
Cytogenetics:	11 39.47 cM



[View online »](#)

**Gene Summary:**

Sulfotransferase that utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) to catalyze the transfer of a sulfo group to an N-unsubstituted glucosamine linked to a 2-O-sulfo iduronic acid unit on heparan sulfate. Catalyzes the O-sulfation of glucosamine in IdoUA2S-GlcNS and also in IdoUA2S-GlcNH<sub>2</sub>. Unlike 3-OST-1, does not convert non-anticoagulant heparan sulfate to anticoagulant heparan sulfate (By similarity).[UniProtKB/Swiss-Prot Function]