

## Product datasheet for **MR209385L4V**

### St5 (BC030391) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

<b>Product Type:</b>	Lentiviral Particles
<b>Symbol:</b>	St5
<b>Synonyms:</b>	2010004M01Rik, 2610305K15Rik
<b>Mammalian Cell Selection:</b>	Puromycin
<b>Vector:</b>	pLenti-C-mGFP-P2A-Puro (PS100093)
<b>Tag:</b>	mGFP
<b>ACCN:</b>	BC030391
<b>ORF Size:</b>	1827 bp

**ORF Nucleotide Sequence:** The ORF insert of this clone is exactly the same as(MR209385).

**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:** [BC030391](#), [AAH30391](#)

**RefSeq Size:** 2752 bp

**RefSeq ORF:** 1829 bp

**Locus ID:** 76954

**Cytogenetics:** 7 57.27 cM



**Gene Summary:**

Isoform 1: May be involved in cytoskeletal organization and tumorigenicity. Seems to be involved in a signaling transduction pathway leading to activation of MAPK1/ERK2. Plays a role in EGFR trafficking from recycling endosomes back to the cell membrane.[UniProtKB/Swiss-Prot Function]