

## Product datasheet for **MR208865L4V**

### Wasf1 (NM\_031877) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Wasf1 (NM_031877) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Wasf1
Synonyms:	AI195380; AI838537; Scar; WAVE; WAVE-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_031877
ORF Size:	1680 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR208865).
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_031877.2</a> , <a href="#">NP_114083.1</a>
RefSeq Size:	2572 bp
RefSeq ORF:	1680 bp
Locus ID:	83767
UniProt ID:	<a href="#">Q8R5H6</a>
Cytogenetics:	10 22.07 cM



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**Gene Summary:**

Downstream effector molecule involved in the transmission of signals from tyrosine kinase receptors and small GTPases to the actin cytoskeleton. Promotes formation of actin filaments. Part of the WAVE complex that regulates lamellipodia formation. The WAVE complex regulates actin filament reorganization via its interaction with the Arp2/3 complex (By similarity). As component of the WAVE1 complex, required for BDNF-NTRK2 endocytic trafficking and signaling from early endosomes (PubMed:27605705).[UniProtKB/Swiss-Prot Function]