

## Product datasheet for **MR221788L4V**

### **S100a14 (NM\_001163526) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	S100a14 (NM_001163526) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	S100a14
Synonyms:	1110013O05Rik; S100a15; S114
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001163526
ORF Size:	165 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR221788).
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_001163526.2</a> , <a href="#">NP_001156998.1</a>
RefSeq Size:	933 bp
RefSeq ORF:	168 bp
Locus ID:	66166
UniProt ID:	<a href="#">Q9D2Q8</a>
Cytogenetics:	3 F1



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**Gene Summary:**

Modulates P53/TP53 protein levels, and thereby plays a role in the regulation of cell survival and apoptosis. Depending on the context, it can promote cell proliferation or apoptosis. Plays a role in the regulation of cell migration by modulating the levels of MMP2, a matrix protease that is under transcriptional control of P53/TP53. Does not bind calcium (By similarity).  
[UniProtKB/Swiss-Prot Function]