

Product datasheet for **MR209456L4V**

Os9 (NM_177614) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Os9 (NM_177614) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Os9
Synonyms:	4632413K17Rik; AU022351
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_177614
ORF Size:	1854 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209456).
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:	NM_177614.2 , NP_808282.1
RefSeq Size:	3884 bp
RefSeq ORF:	1854 bp
Locus ID:	216440
UniProt ID:	Q8K2C7
Cytogenetics:	10 D3



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Gene Summary:

Lectin which functions in endoplasmic reticulum (ER) quality control and ER-associated degradation (ERAD). May bind terminally misfolded non-glycosylated proteins as well as improperly folded glycoproteins, retain them in the ER, and possibly transfer them to the ubiquitination machinery and promote their degradation. Possible targets include TRPV4 (By similarity).[UniProtKB/Swiss-Prot Function]