

Product datasheet for **MR205125L4V**

Mr1 (NM_008209) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Mr1 (NM_008209) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Mr1
Synonyms:	H2Is
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008209
ORF Size:	1023 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205125).
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_008209.4
RefSeq Size:	2509 bp
RefSeq ORF:	1026 bp
Locus ID:	15064
UniProt ID:	Q8HWB0
Cytogenetics:	1 G3



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Gene Summary:

Antigen-presenting molecule specialized in presenting microbial vitamin B metabolites (By similarity). Involved in the development and expansion of a small population of T-cells expressing an invariant T-cell receptor alpha chain called mucosal-associated invariant T-cells (MAIT). MAIT lymphocytes are preferentially located in the gut lamina propria and therefore may be involved in monitoring commensal flora or serve as a distress signal. Expression and MAIT cell recognition seem to be ligand-dependent.[UniProtKB/Swiss-Prot Function]