

Product datasheet for **MR217819L4V**

Msm (NM_001099314) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Msm (NM_001099314) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Msm
Synonyms:	OTTMUSG0000007017; Psm
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001099314
ORF Size:	417 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR217819).
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_001099314.1 , NP_001092784.1
RefSeq Size:	743 bp
RefSeq ORF:	420 bp
Locus ID:	100039672
UniProt ID:	B1AWI6
Cytogenetics:	4 A5



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Gene Summary:

Acts as a ligand for C-C chemokine receptor CCR2 (By similarity). Signals through binding and activation of CCR2 and induces a strong chemotactic response and mobilization of intracellular calcium ions (By similarity). Exhibits a chemotactic activity for monocytes and lymphocytes but not neutrophils (By similarity).[UniProtKB/Swiss-Prot Function]