

## Product datasheet for **MR200478L4V**

### Mif (NM\_010798) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

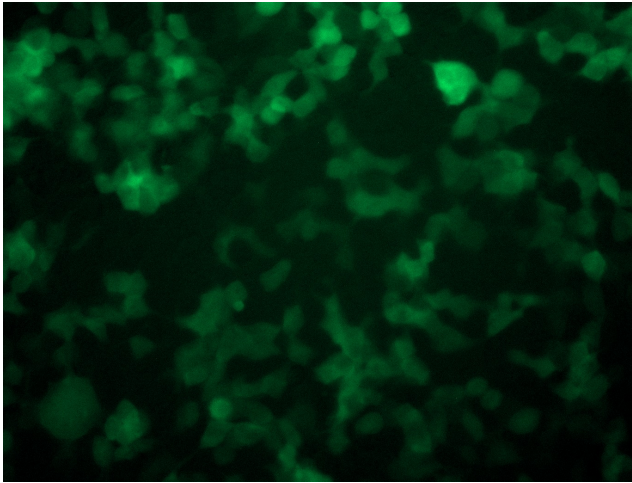
Product Type:	Lentiviral Particles
Product Name:	Mif (NM_010798) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Mif
Synonyms:	GIF; Glif
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_010798
ORF Size:	348 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR200478).
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_010798.2</a>
RefSeq Size:	554 bp
RefSeq ORF:	348 bp
Locus ID:	17319
UniProt ID:	<a href="#">P34884</a>
Cytogenetics:	10 C1



[View online »](#)

**Gene Summary:**

Pro-inflammatory cytokine. Involved in the innate immune response to bacterial pathogens. The expression of MIF at sites of inflammation suggests a role as mediator in regulating the function of macrophages in host defense. Counteracts the anti-inflammatory activity of glucocorticoids. Has phenylpyruvate tautomerase and dopachrome tautomerase activity (in vitro), but the physiological substrate is not known. It is not clear whether the tautomerase activity has any physiological relevance, and whether it is important for cytokine activity (By similarity).[UniProtKB/Swiss-Prot Function]

**Product images:**

[MR200478L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with MR200478L4V particle to overexpress human Mif-mGFP fusion protein.