

Product datasheet for **MR226014L4V**

Osm (NM_001013365) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

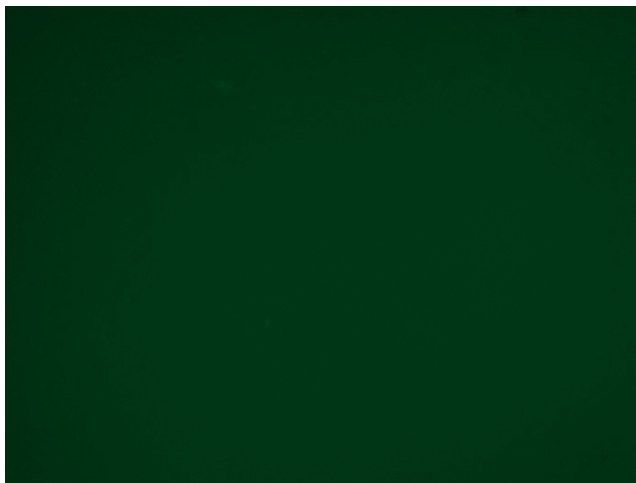
Product Type:	Lentiviral Particles
Product Name:	Osm (NM_001013365) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Osm
Synonyms:	OncoM
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001013365
ORF Size:	789 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226014).
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_001013365.2 , NP_001013383.1
RefSeq Size:	1907 bp
RefSeq ORF:	792 bp
Locus ID:	18413
UniProt ID:	P53347
Cytogenetics:	11 2.94 cM



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Gene Summary:

Growth regulator. Inhibits the proliferation of a number of tumor cell lines. It regulates cytokine production, including IL-6, G-CSF and GM-CSF from endothelial cells (By similarity). Uses only type II OSM receptor (heterodimers composed of OSMR and IL6ST). Involved in the maturation of fetal hepatocytes, thereby promoting liver development and regeneration (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:

[MR226014L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with MR226014L4V particle to overexpress human Osm-mGFP fusion protein.