

## Product datasheet for **MR222716L4V**

### **II34 (NM\_029646) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	II34 (NM_029646) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	II34
Synonyms:	2010004A03Rik; AI593503
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_029646
ORF Size:	657 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222716).
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_029646.2</a> , <a href="#">NP_083922.1</a>
RefSeq Size:	1838 bp
RefSeq ORF:	660 bp
Locus ID:	76527
UniProt ID:	<a href="#">Q8R1R4</a>
Cytogenetics:	8 E1



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**Gene Summary:**

Cytokine that promotes the proliferation, survival and differentiation of monocytes and macrophages. Promotes the release of proinflammatory chemokines, and thereby plays an important role in innate immunity and in inflammatory processes. Plays an important role in the regulation of osteoclast proliferation and differentiation, and in the regulation of bone resorption. Signaling via CSF1R and its downstream effectors stimulates phosphorylation of MAPK1/ERK2 AND MAPK3/ERK1 (By similarity).[UniProtKB/Swiss-Prot Function]