

## Product datasheet for **MR224279L2V**

### Tnfsf18 (NM\_183391) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Tnfsf18 (NM_183391) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Tnfsf18
Synonyms:	Gitrl; Tnlg2a
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_183391
ORF Size:	522 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR224279).
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_183391.3</a>
RefSeq Size:	2064 bp
RefSeq ORF:	522 bp
Locus ID:	240873
UniProt ID:	<a href="#">Q7TS55</a>
Cytogenetics:	1 69.75 cM



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**Gene Summary:**

Cytokine that binds to TNFRSF18/AITR/GITR (PubMed:14521928, PubMed:14647196). Regulates T-cell responses (PubMed:14647196). Can function as costimulator and lower the threshold for T-cell activation and T-cell proliferation (PubMed:14608036, PubMed:15128759). Important for interactions between activated T-lymphocytes and endothelial cells. Mediates activation of NF-kappa-B (PubMed:14521928, PubMed:14647196, PubMed:18178614). Triggers increased phosphorylation of STAT1 and up-regulates expression of VCAM1 and ICAM1 (By similarity). Promotes leukocyte adhesion to endothelial cells (PubMed:23892569). Regulates migration of monocytes from the splenic reservoir to sites of inflammation (PubMed:24107315).[UniProtKB/Swiss-Prot Function]