

## Product datasheet for **MR226545L4V**

### Tnfrsf1a (NM\_011609) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Tnfrsf1a (NM_011609) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Tnfrsf1a
Synonyms:	CD120; CD120a; FPF; p5; p55; p55-R; TN; Tnf; TNF-; TNF-a; TNF-alphaR1; TNF-R; TNF-R-I; TNF-R1; TNF-R55; TNFal; TNFalpha-R1; TNFAR; TNFR; Tnfr-2; Tnfr1; TNFR60; TNFRI; TNFRp55
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_011609
ORF Size:	1362 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226545).
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_011609.4</a> , <a href="#">NP_035739.2</a>
RefSeq Size:	2186 bp
RefSeq ORF:	1365 bp
Locus ID:	21937
UniProt ID:	<a href="#">P25118</a>
Cytogenetics:	6 59.32 cM



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**Gene Summary:**

This gene encodes a member of the TNF receptor superfamily of proteins. The encoded receptor is found in membrane-bound and soluble forms that interact with membrane-bound and soluble forms, respectively, of its ligand, tumor necrosis factor alpha. Binding of membrane-bound tumor necrosis factor alpha to the membrane-bound receptor induces receptor trimerization and activation, which plays a role in cell survival, apoptosis, and inflammation. Proteolytic processing of the encoded receptor results in release of the soluble form of the receptor, which can interact with free tumor necrosis factor alpha to inhibit inflammation. Mice lacking a functional copy of this gene exhibit impaired immune function. [provided by RefSeq, Sep 2016]