

## Product datasheet for **RC200664L2V**

### CD137 (TNFRSF9) (NM\_001561) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	CD137 (TNFRSF9) (NM_001561) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TNFRSF9
Synonyms:	4-1BB; CD137; CDw137; ILA
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_001561
ORF Size:	765 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200664).
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_001561.4</a>
RefSeq Size:	1935 bp
RefSeq ORF:	768 bp
Locus ID:	3604
UniProt ID:	<a href="#">Q07011</a>
Cytogenetics:	1p36.23
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Cytokine-cytokine receptor interaction

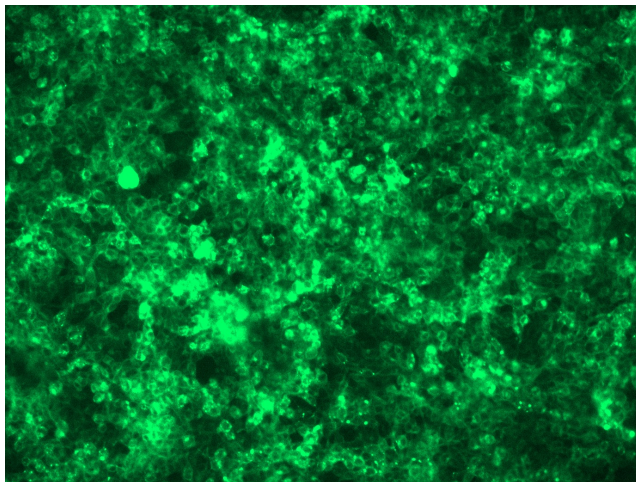


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MW: 27.9 kDa

**Gene Summary:** The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor contributes to the clonal expansion, survival, and development of T cells. It can also induce proliferation in peripheral monocytes, enhance T cell apoptosis induced by TCR/CD3 triggered activation, and regulate CD28 co-stimulation to promote Th1 cell responses. The expression of this receptor is induced by lymphocyte activation. TRAF adaptor proteins have been shown to bind to this receptor and transduce the signals leading to activation of NF-kappaB. [provided by RefSeq, Jul 2008]

**Product images:**



[RC200664L2] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC200664L2V particle to overexpress human TNFRSF9-mGFP fusion protein.