

## Product datasheet for **RC215954L4V**

### RP105 (CD180) (NM\_005582) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	RP105 (CD180) (NM_005582) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RP105
Synonyms:	LY64; Ly78; RP105
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005582
ORF Size:	1983 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215954).
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_005582.2</a>
RefSeq Size:	2725 bp
RefSeq ORF:	1986 bp
Locus ID:	4064
UniProt ID:	<a href="#">Q99467</a>
Cytogenetics:	5q12.3
Domains:	LRRCT, LRR, LRR_TYP
Protein Families:	Druggable Genome, Transmembrane



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**MW:** 74.6 kDa

**Gene Summary:** CD180 is a cell surface molecule consisting of extracellular leucine-rich repeats (LRR) and a short cytoplasmic tail. The extracellular LRR is associated with a molecule called MD-1 and form the cell surface receptor complex, RP105/MD-1. It belongs to the family of pathogen receptors, Toll-like receptors (TLR). RP105/MD1, by working in concert with TLR4, controls B cell recognition and signaling of lipopolysaccharide (LPS), a membrane constituent of Gram-negative bacteria. [provided by RefSeq, Jul 2008]