

Product datasheet for RC215954L4V

OriGene Technologies, Inc.

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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

The ORF insert of this clone is exactly the same as(RC215954).

OTI Disclaimer:

Sequence:

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. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

RefSeg: NM 005582.2

 RefSeq Size:
 2725 bp

 RefSeq ORF:
 1986 bp

 Locus ID:
 4064

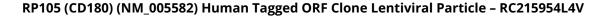
 UniProt ID:
 Q99467

 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]