

Product datasheet for **RC213256L4V**

LD78 beta (CCL3L1) (NM_021006) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	LD78 beta (CCL3L1) (NM_021006) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LD78 beta
Synonyms:	464.2; D17S1718; G0S19-2; LD78; LD78-beta(1-70); LD78BETA; MIP1AP; SCYA3L; SCYA3L1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_021006
ORF Size:	279 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213256).
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. 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.
RefSeq:	NM_021006.4
RefSeq Size:	805 bp
RefSeq ORF:	282 bp
Locus ID:	6349
UniProt ID:	P16619
Cytogenetics:	17q21.1
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Chemokine signaling pathway, Cytokine-cytokine receptor interaction



[View online »](#)

MW: 10.2 kDa

Gene Summary: This gene is one of several cytokine genes that are clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins that function in inflammatory and immunoregulatory processes. The protein encoded by this gene binds to several chemokine receptors, including chemokine binding protein 2 and chemokine (C-C motif) receptor 5 (CCR5). CCR5 is a co-receptor for HIV, and binding of this protein to CCR5 inhibits HIV entry. The copy number of this gene varies among individuals, where most individuals have one to six copies, and a minority of individuals have zero or more than six copies. There are conflicting reports about copy number variation of this gene and its correlation to disease susceptibility. This record represents one of two copies that are present on the ALT_REF_LOCI_2 alternate haplotype of the GRCh38 human reference genome assembly. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Apr 2014]