

Product datasheet for **RC211254L4V**

I 309 (CCL1) (NM_002981) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	I 309 (CCL1) (NM_002981) Human Tagged ORF Clone Lentiviral Particle
Symbol:	I 309
Synonyms:	I-309; P500; SCYA1; SISE; TCA3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002981
ORF Size:	288 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211254).
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_002981.1
RefSeq Size:	594 bp
RefSeq ORF:	291 bp
Locus ID:	6346
UniProt ID:	P22362
Cytogenetics:	17q12
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Chemokine signaling pathway, Cytokine-cytokine receptor interaction



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MW: 11 kDa

Gene Summary: This antimicrobial gene is one of several chemokine genes clustered on the q-arm of chromosome 17. Chemokines form a superfamily of secreted proteins involved in immunoregulatory and inflammatory processes. The superfamily is divided into four subfamilies based on the arrangement of the N-terminal cysteine residues of the mature peptide. This chemokine, a member of the CC subfamily, is secreted by activated T cells and displays chemotactic activity for monocytes but not for neutrophils. It binds to the chemokine (C-C motif) receptor 8. [provided by RefSeq, Sep 2014]