

## Product datasheet for **TL316719V**

### CCL14 Human shRNA Lentiviral Particle (Locus ID 6358)

#### Product data:

Product Type:	shRNA Lentiviral Particles
Product Name:	CCL14 Human shRNA Lentiviral Particle (Locus ID 6358)
Locus ID:	6358
Synonyms:	CC-1; CC-3; CKb1; FLJ16015; HCC-1; HCC-3; MCIF; NCC-2; NCC2; SCYA14; SCYL2; SY14
Vector:	pGFP-C-shLenti (TR30023)
Format:	Lentiviral particles
Components:	CCL14 - Human shRNA lentiviral particles (4 unique 29mer target-specific shRNA, 1 scramble control), 0.5 ml each, >10 <sup>7</sup> TU/ml.
RefSeq:	<a href="#">NM_004166</a> , <a href="#">NM_032962</a> , <a href="#">NM_032963</a> , <a href="#">NM_032963.1</a> , <a href="#">NM_032963.2</a> , <a href="#">NM_032963.3</a> , <a href="#">NM_032962.2</a> , <a href="#">NM_032962.3</a> , <a href="#">NM_032962.4</a> , <a href="#">NM_004166.1</a> , <a href="#">NM_004166.3</a> , <a href="#">NM_004166.4</a> , <a href="#">BC045165</a> , <a href="#">BC045165.1</a> , <a href="#">BC038289</a> , <a href="#">BC050647</a> , <a href="#">BM853193</a> , <a href="#">NM_032963.4</a>
UniProt ID:	<a href="#">Q16627</a>
Summary:	This gene, chemokine (C-C motif) ligand 14, is one of several CC cytokine genes clustered on 17q11.2. The CC cytokines are secreted proteins characterized by two adjacent cysteines. The cytokine encoded by this gene induces changes in intracellular calcium concentration and enzyme release in monocytes. Multiple transcript variants encoding different isoforms have been found for this gene. Read-through transcripts are also expressed that include exons from the upstream cytokine gene, chemokine (C-C motif) ligand 15, and are represented as GeneID: 348249. [provided by RefSeq, Dec 2009]
shRNA Design:	These shRNA constructs were designed against multiple splice variants at this gene locus. To be certain that your variant of interest is targeted, please contact <a href="mailto:techsupport@origene.com">techsupport@origene.com</a> . If you need a special design or shRNA sequence, please utilize our <a href="#">custom shRNA service</a> .



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**Performance  
Guaranteed:**

OriGene guarantees that the sequences in the shRNA expression cassettes are verified to correspond to the target gene with 100% identity. One of the four constructs at minimum are guaranteed to produce 70% or more gene expression knock-down provided a minimum transfection efficiency of 80% is achieved. Western Blot data is recommended over qPCR to evaluate the silencing effect of the shRNA constructs 72 hrs post transfection. To properly assess knockdown, the gene expression level from the included scramble control vector must be used in comparison with the target-specific shRNA transfected samples.

For non-conforming shRNA, requests for replacement product must be made within ninety (90) days from the date of delivery of the shRNA kit. To arrange for a free replacement with newly designed constructs, please contact Technical Services at [techsupport@origene.com](mailto:techsupport@origene.com). Please provide your data indicating the transfection efficiency and measurement of gene expression knockdown compared to the scrambled shRNA control (Western Blot data preferred).