

## Product datasheet for **RC204573L4V**

### GCP2 (CXCL6) (NM\_002993) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	GCP2 (CXCL6) (NM_002993) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GCP2
Synonyms:	CKA-3; GCP-2; GCP2; SCYB6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002993
ORF Size:	342 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204573).
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_002993.2</a>
RefSeq Size:	1677 bp
RefSeq ORF:	345 bp
Locus ID:	6372
UniProt ID:	<a href="#">P80162</a>
Cytogenetics:	4q13.3
Domains:	IL8
Protein Families:	Druggable Genome, Secreted Protein



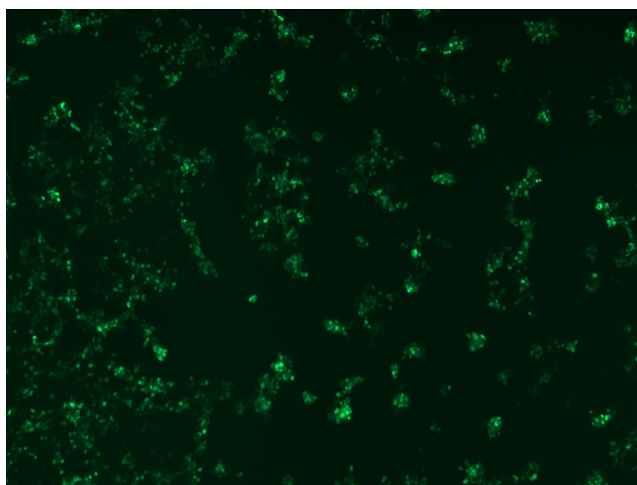
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**Protein Pathways:** Chemokine signaling pathway, Cytokine-cytokine receptor interaction

**MW:** 11.9 kDa

**Gene Summary:** The protein encoded by this gene is a member CXC chemokine family. The encoded protein is a chemotactic for neutrophil granulocytes and has antibacterial action against gram-negative and gram-positive bacteria. This gene and other members of the CXC chemokine gene family form a gene cluster in a region of chromosome 4q. [provided by RefSeq, Jun 2020]

### Product images:



[RC204573L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC204573L4V particle to overexpress human CXCL6-mGFP fusion protein.