

## Product datasheet for **RC203102L4V**

### **BCA1 (CXCL13) (NM\_006419) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | BCA1 (CXCL13) (NM_006419) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | BCA1   |
| Synonyms:                 | ANGIE; ANGIE2; BCA-1; BCA1; BLC; BLR1L; SCYB13   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_006419  |
| ORF Size:                 | 327 bp   |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC203102).   |
| 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_006419.1</a> , <a href="#">NP_006410.1</a>  |
| RefSeq Size:              | 1219 bp  |
| RefSeq ORF:               | 330 bp   |
| Locus ID:                 | 10563  |
| UniProt ID:               | <a href="#">O43927</a>   |
| Cytogenetics:             | 4q21.1   |
| Domains:                  | IL8  |
| Protein Families:         | Druggable Genome, Secreted Protein   |



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

**MW:** 12.7 kDa

**Gene Summary:** B lymphocyte chemoattractant, independently cloned and named Angie, is an antimicrobial peptide and CXC chemokine strongly expressed in the follicles of the spleen, lymph nodes, and Peyer's patches. It preferentially promotes the migration of B lymphocytes (compared to T cells and macrophages), apparently by stimulating calcium influx into, and chemotaxis of, cells expressing Burkitt's lymphoma receptor 1 (BLR-1). It may therefore function in the homing of B lymphocytes to follicles. [provided by RefSeq, Oct 2014]