

**C10/CCL6**  
**Catalog # PVGS1220****Specification**

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**C10/CCL6 - Product Information**

Primary Accession [P27784](#)  
**Species**  
Mouse

**Sequence**  
Gly22-Ala116

**Purity**  
> 97% as analyzed by SDS-PAGE<br>> 97% as analyzed by HPLC

**Endotoxin Level**  
< 1 EU/ µg of protein by LAL method

**Biological Activity**  
Fully biologically active when compared to standard. The biologically active determined by a chemotaxis bioassay using human CCR1 transfected murine BaF3 cells is in a concentration range of 10.0-100.0 ng/ml.

**Expression System**  
E. coli

**Theoretical Molecular Weight**  
10.7 kDa

Formulation **Lyophilized from a 0.2 µm filtered solution in 20 mM Tris, pH 8.0, 500 mM NaCl.**

**Reconstitution**  
It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml.

**Storage & Stability**  
Upon receiving, this product remains stable for up to 6 months at -70°C or -20°C. Upon reconstitution, the product should be stable for up to 1 week at 4°C or up to 3 months at -20°C. Avoid repeated freeze-thaw cycles.

**C10/CCL6 - Additional Information**

**Gene ID** 20305

**Other Names**  
C-C motif chemokine 6, Protein C10, Small-inducible cytokine A6, CCL6(22-95), CCL6(23-95), Ccl6, C10 {ECO:0000303|PubMed:1832565}, Scya6

**Target Background**

Chemokine (C-C motif) ligand 6 (CCL6) is a small cytokine belonging to the CC chemokine family that has only been identified in rodents. Murine C10 is expressed in myelopoietic bone marrow cultures when stimulated with GM-CSF, M-CSF, IL-3 or IL-4. It signals primarily through the CCR1 receptor. C10 is chemotactic for B cells, CD4<sup>+</sup> T cells, monocytes and NK cells and also exhibits powerful suppressive activity on colony formation by different lineages of hematopoietic progenitors. The C10 contains the four highly conserved cysteine residues present in CC chemokines.

**C10/CCL6 - Protein Information**

**Name** Ccl6

**Synonyms** C10 {ECO:0000303|PubMed:1832565}, Scya6

**Function**

Chemotactic factor that attracts mostly macrophage, but it can also attract B cells, CD4(+) lymphocytes and eosinophils.

**Cellular Location**

Secreted.

**Tissue Location**

Expressed in myelopoietic bone marrow cultures stimulated by GM-CSF.

**C10/CCL6 - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**C10/CCL6 - Images**