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C10/CCL6

Catalog # PVGS1220

Product Information

Primary Accession	P27784
Species	Mouse
Sequence	Gly22-Ala116
Purity	> 97% as analyzed by SDS-PAGE > 97% as analyzed by HPLC
Endotoxin Level	
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.

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, $CD4^+$ 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.

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.