

Note: Centrifuge before opening to ensure complete recovery of vial contents.

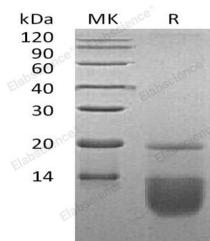
Description

| | |
|------------------------------------|--|
| Synonyms | C-C Motif Chemokine 3;G0/G1 Switch Regulatory Protein 19-1;Macrophage Inflammatory Protein 1-Alpha;MIP-1-Alpha;PAT 464.1;SIS-Beta;Small-Inducible Cytokine A3;Tonsillar Lymphocyte LD78 Alpha Protein;CCL3;G0S19-1;MIP1A;SCYA3 |
| Species | Human |
| Expression Host | E.coli |
| Sequence | Ala 27-Ala 92 |
| Accession | P10147 |
| Calculated Molecular Weight | 8.4 kDa |
| Observed molecular weight | 8-11 kDa |
| Tag | None |
| Bioactivity | Measure by its ability to chemoattract human PBMC using a concentration range of 5 -50 ng/mL. |

Properties

| | |
|-----------------------|---|
| Purity | > 95 % as determined by reducing SDS-PAGE. |
| Endotoxin | < 0.1 EU per µg of the protein as determined by the LAL method. |
| Storage | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. |
| Shipping | This product is provided as lyophilized powder which is shipped with ice packs. |
| Formulation | Lyophilized from sterile PBS,pH 8.5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual. |
| Reconstitution | Please refer to the printed manual for detailed information. |

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Human Chemokine (C-C Motif) Ligand 3 (CCL3) is a small cytokine belonging to the CC chemokine family. CCL3 is primarily expressed in T cells, B cells, and monocytes after antigen or mitogen stimulation. CCL3 exhibits chemoattractive and adhesive effects on lymphocytes. CCL3 exerts multiple effects on hematopoietic precursor cells and

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Recombinant Human CCL3 Protein

Catalog Number:PKSH032197



inhibits the proliferation of hematopoietic stem cells in vitro as well as in vivo. CCR1 and CCR5 have been identified as functional receptors for CCL3.

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