

## Recombinant human CCL3 Protein(Fc Tag)

Catalog Number: PDMH100261

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

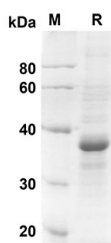
### Description

|                      |   |
|----------------------|---|
| <b>Species</b>       | human   |
| <b>Source</b>        | Mammalian-derived Human CCL3 protein Ala27-Ala92, with an C-terminal Fc |
| <b>Calculated MW</b> | 32.1 kDa  |
| <b>Observed MW</b>   | 37 kDa  |
| <b>Accession</b>     | P10147  |
| <b>Bio-activity</b>  | Not validated for activity  |

### Properties

|                       |   |
|-----------------------|---|
| <b>Purity</b>         | > 90% as determined by reducing SDS-PAGE.   |
| <b>Endotoxin</b>      | < 1.0 EU/mg of the protein as determined by the LAL method  |
| <b>Storage</b>        | 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. |
| <b>Shipping</b>       | This product is provided as lyophilized powder which is shipped with ice packs.   |
| <b>Formulation</b>    | Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.   |
| <b>Reconstitution</b> | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis.  |

### Data



SDS-PAGE analysis of Human CCL3 proteins, 2 µg/lane of Recombinant Human CCL3 proteins was resolved with an SDS-PAGE under reducing conditions, showing bands at 32.1 kDa.

### Background

CCL3 is a cytokine belonging to the CC chemokine family. Chemokines are a family of structurally related leukocyte chemoattractant cytokines that play a central role during immunoregulatory and inflammation processes. All chemokines contain four conserved cysteines linked by disulfide bonds, and two major subfamilies, namely CXC and CC, are defined on the basis of the first two cysteines which are separated by one amino acid or are adjacent. CCL3 is involved in the acute inflammatory state in the recruitment and activation of polymorphonuclear leukocytes.

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