

## Recombinant Human CCL3 Protein, His-tagged

Cat. No. CCL3-151H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human C-C motif chemokine ligand 3(CCL3)(NM_002983), with a His tag, was expressed in human cells.                                                                                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | Human Cells                                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | This locus represents a small inducible cytokine. The encoded protein, also known as macrophage inflammatory protein 1 alpha, plays a role in inflammatory responses through binding to the receptors CCR1, CCR4 and CCR5. Polymorphisms at this locus may be associated with both resistance and susceptibility to infection by human immunodeficiency virus type 1. |
| <b>Form</b>             | Purified protein formulated in a sterile solution of TBS buffer, pH7.76, without any preservatives.                                                                                                                                                                                                                                                                   |
| <b>Molecular Mass</b>   | 7.8 kDa                                                                                                                                                                                                                                                                                                                                                               |
| <b>Endotoxin</b>        | Endotoxin level is < 0.1 ng/g of protein (<1EU /g)                                                                                                                                                                                                                                                                                                                    |
| <b>Purity</b>           | >90% by SDS-PAGE gel and Coomassie Blue staining                                                                                                                                                                                                                                                                                                                      |
| <b>Applications</b>     | Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.                                                                                                                                                                                                                                            |

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## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CCL3 chemokine (C-C motif) ligand 3 [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                                                      |
| <b>Official Symbol</b> | CCL3                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Synonyms</b>        | CCL3; chemokine (C-C motif) ligand 3; SCYA3, small inducible cytokine A3 (homologous to mouse Mip 1a); C-C motif chemokine 3; G0S19 1; LD78ALPHA; MIP 1 alpha; SIS-beta; PAT 464.1; G0/G1 switch regulatory protein 19-1; macrophage inflammatory protein 1-alpha; tonsillar lymphocyte LD78 alpha protein; small inducible cytokine A3 (homologous to mouse Mip-1a); MIP1A; SCYA3; G0S19-1; MIP-1-alpha; |
| <b>Gene ID</b>         | 6348                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>mRNA Refseq</b>     | NM_002983                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Protein Refseq</b>  | NP_002974                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>MIM</b>             | 182283                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>UniProt ID</b>      | P10147                                                                                                                                                                                                                                                                                                                                                                                                    |

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