

**HUMAN CCL3 PROTEIN****Cat.#:** 12098**Product Name:** Human CCL3 Protein**Size:** 10 µg, 50 µg and 100 µg**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**Target:** CCL3**UNIPROT ID:** P10147**Description:** Recombinant Human C-C Motif Chemokine 3 is produced by our E.coli expression system and the target gene encoding Ser24-Ala92 is expressed.**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 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.**Species/Host:** E.coli**Molecular Weight:** 7.5 KDa**Molecular Characterization:** Not available**Purity:** Greater than 95% as determined by reducing SDS-PAGE.**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.**Storage & Shipping:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

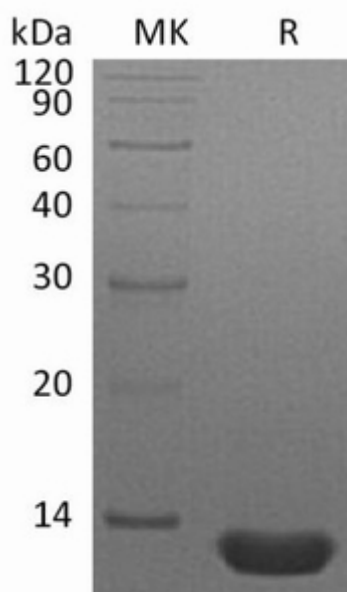


Figure 1. Greater than 95% as determined by reducing SDS-PAGE.