

PRODUCT INFORMATION

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| Target | CCL1 |
| Synonyms | C-C Motif Chemokine 1; Small-Inducible Cytokine A1; T Lymphocyte-Secreted Protein I-309; CCL1; SCYA1 |
| Description | Recombinant Human C-C Motif Chemokine 1 is produced by our E.coli expression system and the target gene encoding Lys24-Lys96 is expressed. |
| Delivery | In Stock |
| Uniprot ID | P22362 |
| Expression Host | E.coli |
| Tag | |
| Molecular Characterization | Not available |
| Molecular Weight | 8.62 KDa |
| Purity | Greater than 95% as determined by reducing SDS-PAGE. |
| Formulation & Reconstitution | Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. |
| 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. |
| Sterility | Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use. |
| Background | Chemokine (C-C Motif) Ligand 1 (CCL1) is a small glycoprotein secreted by activated T cells, which play a central role during immunoregulatory and inflammation processes. Human CCL1 has been assumed to be a homologue of the mouse TCA3. While the two proteins share only approximately 42% amino acid sequence identity, both chemokines contain an extra pair of cysteine residues not found in most other chemokines. CCL1 attracts monocytes, NK cells, and immature B cells and dendritic cells by interacting with cell surface chemokine receptor CCR8. CCL1 is identified as a potent inhibitor of HIV-1 envelope-mediated cell-cell fusion and virus infection. |
| Usage | Research use only |
| Conjugate | Unconjugated |



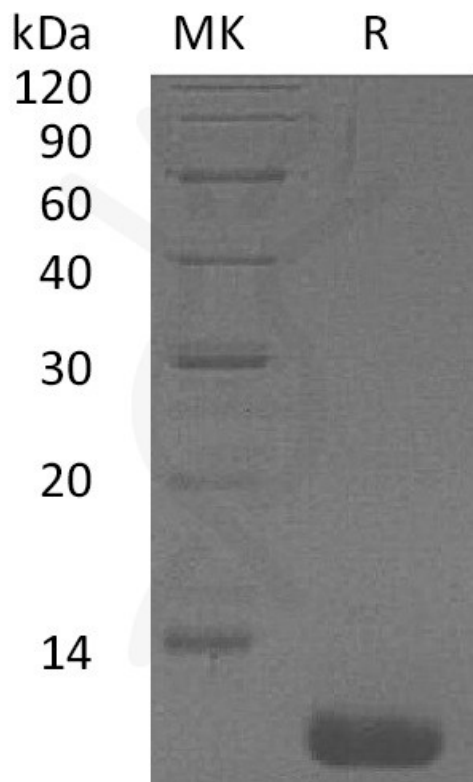


Figure 1. Greater than 95% as determined by reducing SDS-PAGE.

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