

## 32-18025: Recombinant Human CCL1 Protein

**Uniprot ID :** P22362

**Alternative Name :** C-C Motif Chemokine 1; Small-Inducible Cytokine A1; T Lymphocyte-Secreted Protein I-309; CCL1; SCYA1

### Description

Molecular weight: 8.62 KDa

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.

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.

### Product Info

**Amount :** 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

**Storage condition :** 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.