PRODUCT INFORMATION

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.
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 inflammaion 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

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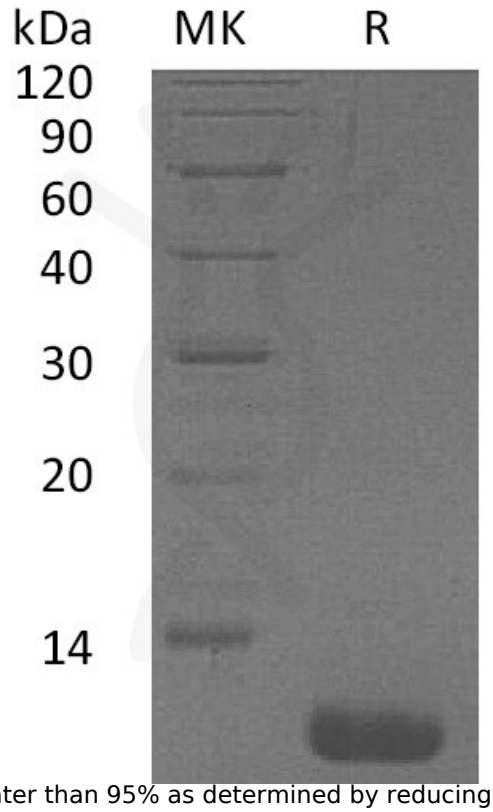


Figure 1. Greater than 95% as determined by reducing SDS-PAGE.

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