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## Datasheet for ABIN1096254 CCL1 Protein (AA 24-96)

### Overview

Quantity:	50 µg
Target:	CCL1
Protein Characteristics:	AA 24-96
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

### Product Details

Purpose:	Recombinant Human C-C Motif Chemokine 1/CCL1
Sequence:	MKSMQVPFSR CCFSFAEQEI PLRAILCYRN TSSICSNEGL IFKLKRGKEA CALDTVGWWQ RHRKMLRHCP SKRK
Characteristics:	Recombinant Human C-C Motif Chemokine 1/CCL1 is produced with our E. coli expression system. The target protein is expressed with sequence (K24-K96) of Human CCL1.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

### Target Details

Target:	CCL1
Alternative Name:	ccl1 ( <a href="#">CCL1 Products</a> )

## Target Details

Background:	<p>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.</p> <p>Alternative Names: C-C Motif Chemokine 1, Small-Inducible Cytokine A1, T Lymphocyte-Secreted Protein I-309, CCL1, SCYA1</p>
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Molecular Weight:	8.62 kDa
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UniProt:	<a href="#">P22362</a>
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## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH<sub>2</sub>O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at &lt; -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at &lt; -20°C for 3 months.</p>
Expiry Date:	3 months