



[Go to Product page](#)

## Datasheet for ABIN7455688 CCL5 Protein

### Overview

Quantity:	50 µg
Target:	CCL5
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

### Product Details

Purpose:	Recombinant Human C-C Motif Chemokine 5 is produced by our E.coli expression system and the target gene encoding Ser24-Ser91 is expressed.
Characteristics:	Extracellular Domain Protein
Purity:	Greater than 95 % as determined by reducing SDS-PAGE.

### Target Details

Target:	CCL5
Alternative Name:	CCL5 ( <a href="#">CCL5 Products</a> )
Background:	C-C Motif Chemokine 5, EoCP, Eosinophil Chemotactic Cytokine, SIS-Delta, Small-Inducible Cytokine A5, T Cell-Specific Protein P228, TCP228, T-Cell-Specific Protein RANTES, CCL5, D17S136E, SCYA5Human Chemokine (C-C Motif) Ligand 5 (CCL5) plays an active role in recruiting leukocytes into inflammatory sites. CCL5 is secreted by many cell types at inflammatory sites and it exerts a wide range of activities through the receptors CCR1, CCR3, CCR4, and CCR5. N-Terminal truncated CCL5/RANTES, Met-RANTES, and amino-oxypentane (AOP)-RANTES exhibit antagonist or partial agonist functions on their receptors. CCL5/RANTES

## Target Details

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attracts different subtypes of leukocytes into inflamed tissue and intervenes in a wide range of allergic and autoimmune diseases.

Molecular Weight: 7.8 kDa

UniProt: [P13501](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#), [Smooth Muscle Cell Migration](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Buffer: a 0.2  $\mu$ m filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: -20 °C

Storage Comment: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 12 months