

Bioactive

## CCL15 (Human) Recombinant Protein

Catalog # P3619

Size 25 ug

### Specification

<b>Product Description</b>	Human CCL15 (Q16663, 22 a.a. - 113 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
<b>Sequence</b>	QFINDAETELMMSKLPLENPVVLNSFHF AADCCTSYISQSIPCSLMKSYFETSSECSKPGVIFLTKKGRQVCAKPSGPGVQDCMKKLPYSI
<b>Host</b>	Escherichia coli
<b>Theoretical MW (kDa)</b>	10
<b>Form</b>	Lyophilized
<b>Preparation Method</b>	<i>Escherichia coli</i> expression system
<b>Purification</b>	Ion exchange column and HPLC reverse phase column
<b>Purity</b>	> 90% by SDS-PAGE and HPLC
<b>Endotoxin Level</b>	< 0.1 ng/ug (1 EU/ug)
<b>Activity</b>	Determined by the ability to chemoattract human monocytes using a concentration range of 2.0-40.0 ng/mL.
<b>Storage Buffer</b>	Lyophilized from 20 mM PB, 100 mM NaCl, pH 7.5
<b>Storage Instruction</b>	Store at -20°C on dry atmosphere for 2 years. After reconstitution with deionized water, store at 4°C for 1 month or store at -20°C for 6 months. Aliquot to avoid repeated freezing and thawing.

### Applications

- Functional Study
- SDS-PAGE

## Gene Info — CCL15

Entrez GeneID	<a href="#">6359</a>
Protein Accession#	<a href="#">Q16663</a>
Gene Name	CCL15
Gene Alias	HCC-2, HMRP-2B, LKN1, Lkn-1, MIP-1d, MIP-5, NCC-3, NCC3, SCYA15, SCYL3, SY15
Gene Description	chemokine (C-C motif) ligand 15
Omim ID	<a href="#">601393</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene, CCL15, is one of several CC cytokine genes clustered on 17q11.2. The CC cytokines are secreted proteins characterized by two adjacent cysteines. The cytokine encoded by this gene is chemotactic for T cells and monocytes and induces N-acetyl-beta-D-glucosaminidase release in monocytes. It induces changes in intracellular calcium concentration in monocytes and is thought to act through the CCR1 receptor. Read-through transcripts are expressed that include exons from the downstream cytokine gene CCL14, and are represented as GeneID: 348249. [provided by RefSeq]
Other Designations	CC chemokine 3 MIP-1 delta OTTHUMP00000163955 chemokine CC-2 leukotactin 1 macrophage inflammatory protein 5 small inducible cytokine subfamily A (Cys-Cys), member 15

## Pathway

- [Chemokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)

## Disease

- [Asthma](#)
- [Bronchiolitis](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Respiratory Syncytial Virus Infections](#)

- [Tobacco Use Disorder](#)