

Bioactive

CCL15 (Human) Recombinant Protein

Catalog # P9553

Size 25 ug

Specification

Product Description	Human CCL15 (Q16663, 46 a.a. - 113 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	SFHFAADCCTSYISQSI PCSLMKSYFETSSECSKPGVIFLTKKGRQVCAKPSGPGVQDCMKKLKPYI
Host	Escherichia coli
Theoretical MW (kDa)	7.4
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 97.0% by SDS-PAGE
Activity	The ED ₅₀ is 2 - 4 ng/mL was measured by the ability to chemoattract THP-1 human acute monocytic leukemia cells.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from sterile distilled Water is > 100 ug/mL
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — CCL15

Entrez GeneID	6359
Protein Accession#	Q16663
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	601393
Gene Ontology	Hyperlink
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](#)