

CCL1 (Human) Recombinant Protein

Catalog # P9479

Size 2 x 10 ug

Specification

Product Description	Human CCL1 (P22362, 24 a.a. - 96 a.a.) partial recombinant protein with His tag at N-terminus expressed in <i>Escherichia coli</i> .
Sequence	MGSSHHHHHHSSGLVPRGSHMKSMQVPFSRCCFSFAEQEIPLRAILCYRNTSSICSNEGLIFKLKR GKEACALDTVGWVQRHRKMLRHCP SKRK
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	10.8
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 85.0% by SDS-PAGE
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In 20mM Tris-HCl pH 7.5 (1 M DTT, 50 mM NaCl and 10% glycerol)
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

- SDS-PAGE

Gene Info — CCL1

Entrez GeneID

[6346](#)

Protein Accession#	P22362
Gene Name	CCL1
Gene Alias	I-309, P500, SCYA1, SISE, TCA3
Gene Description	chemokine (C-C motif) ligand 1
Omim ID	182281
Gene Ontology	Hyperlink
Gene Summary	This gene is one of several cytokine genes clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The protein encoded by this gene is structurally related to the CXC subfamily of cytokines. Members of this subfamily are characterized by two cysteines separated by a single amino acid. This cytokine is secreted by activated T cells and displays chemotactic activity for monocytes but not for neutrophils. It binds to the chemokine receptor CCR8. [provided by RefSeq]
Other Designations	T lymphocyte-secreted protein I-309 inflammatory cytokine I-309 small inducible cytokine A1 small inducible cytokine A1 (I-309, homologous to mouse Tca-3)

Pathway

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

Disease

- [Adenocarcinoma](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Birth Weight](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchiolitis](#)
- [Colon cancer](#)

- [Colorectal Neoplasms](#)
- [Encephalomyelitis](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [HIV Infections](#)
- [Infant](#)
- [Kidney Failure](#)
- [Leishmaniasis](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Multiple Sclerosis](#)
- [Pulmonary Disease](#)
- [Respiratory Syncytial Virus Infections](#)