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 *Escherichia coli*.
Sequence	MGSSHHHHHHSSGLVPRGSHMKSMQVPFSRCCFSFAEQEIPLRAILCYRNTSSICSNEGLIFKLKR GKEACALDTVGWVQRHRKMLRHCPSKRK
Host	Escherichia coli
Theoretical MW (kDa)	10.8
Form	Liquid
Preparation Method	*Escherichia coli* 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 4°C for 1 week. For long term storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — CCL1

Entrez GeneID	6346

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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 o f this subfamily are characterized by two cysteines separated by a single amino acid. This cytokin e is secreted by activated T cells and displays chemotactic activity for monocytes but not for neutr ophils. 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

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- 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

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