

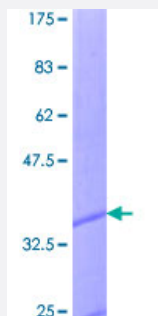
Full-Length

CCL1 (Human) Recombinant Protein (P01)

Catalog # H00006346-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CCL1 full-length ORF (NP_002972.1, 1 a.a. - 96 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MQIITALVCLLLAGMWPEVDVSKSMQVPFSRCCFSFAEQEIPLRAILCYRNTSSICSNEGLIFKLK RGKEACALDVTGWVQRHRKMLRHCP SKRK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.4
Interspecies Antigen Sequence	Mouse (42); Rat (43)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CCL1

Entrez GeneID [6346](#)

GeneBank Accession# [NM_002981.1](#)

Protein Accession# [NP_002972.1](#)

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](#)