

Bioactive

CCL3L1 (Human) Recombinant Protein

Catalog # P9427

Size 20 ug

Specification

Product Description	Human CCL3L1 (P16619, 24 a.a. - 93 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	APLAADTPTACCFSTSRQIPQNFIADYFETSSQCSKPSVIFLTRGRQVCADPSEEWQKYVSD LELSA
Host	Escherichia coli
Theoretical MW (kDa)	7.7
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 97.0% by SDS-PAGE
Activity	The biological activity was determined by the ability to chemoattract human monocytes using a concentration range of 1.0 - 10.0 ng/mL.
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 — CCL3L1

Entrez GeneID	6349
Protein Accession#	P16619
Gene Name	CCL3L1
Gene Alias	464.2, D17S1718, G0S19-2, LD78, LD78BETA, MGC104178, MGC12815, MGC182017, MIP1 AP, SCYA3L, SCYA3L1
Gene Description	chemokine (C-C motif) ligand 3-like 1
Omim ID	601395 609423
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. This protein binds to several chemokine receptors including chemokine binding protein 2 and chemokine (C-C motif) receptor 5 (CCR5). CCR5 is a co-receptor for HIV, and binding of this protein to CCR5 inhibits HIV entry. The copy number of this gene varies among individuals; most individuals have 1-6 copies in the diploid genome, although rare individuals have zero or more than six copies. The human genome reference assembly contains two full copies of the gene and a partial pseudogene. This record represents the more telomeric full-length gene. [provided by RefSeq]
Other Designations	small inducible cytokine A3-like 1

Pathway

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

Disease

- [Acquired Immunodeficiency Syndrome](#)
- [Arthritis](#)
- [Autoimmune Diseases](#)
- [Cognition Disorders](#)
- [Diabetes Mellitus](#)

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [HIV Infections](#)
- [HIV Seropositivity](#)
- [Lupus Erythematosus](#)
- [Lupus Nephritis](#)
- [Mucocutaneous Lymph Node Syndrome](#)
- [Neuropsychological Tests](#)
- [Pregnancy Complications](#)
- [Substance Abuse](#)