CCL3L1 (Human) Recombinant Protein

Catalog # P9426 Size 20 ug

Specification

Product Description	Human CCL3L1 (P16619, 26 a.a. - 93 a.a.) partial recombinant protein with His tag at N-terminus expressed in *Escherichia coli*.
Sequence	MGSSHHHHHHSSGLVPRGSHMSLAADTPTACCFSYTSRQIPQNFIADYFETSSQCSKPSVIFLTK RGRQVCADPSEEWVQKYVSDLELSA
Host	Escherichia coli
Theoretical MW (kDa)	10
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purity	> 90.0% by SDS-PAGE
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS pH 7.4 (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 — CCL3L1

Entrez GeneID	6349

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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 chemoki ne (C-C motif) receptor 5 (CCR5). CCR5 is a co-receptor for HIV, and binding of this protein to C CR5 inhibits HIV entry. The copy number of this gene varies among individuals; most individuals h ave 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 pseud ogene. 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

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- Hepatitis C
- HIV Infections
- HIV Seropositivity
- Lupus Erythematosus
- Lupus Nephritis
- Mucocutaneous Lymph Node Syndrome
- Neuropsychological Tests
- Pregnancy Complications
- Substance Abuse

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