CCL14 (Human) Recombinant Protein

Catalog # P9477 Size 2 x 10 ug

Specification

Product Description	Human CCL14 (Q16627, 20 a.a. - 93 a.a.) partial recombinant protein with His tag at N-terminus expressed in *Escherichia coli*.
Sequence	MGSSHHHHHHSSGLVPRGSHMTKTESSSRGPYHPSECCFTYTTYKIPRQRIMDYYETNSQCSKPG IVFITKRGHSVCTNPSDKWVQDYIKDMKEN
Host	Escherichia coli
Theoretical MW (kDa)	10.9
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purity	> 95.0% 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 — CCL14

Entrez GeneID	6358

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Protein Accession#	Q16627
Gene Name	CCL14
Gene Alias	CC-1, CC-3, CKb1, HCC-1, HCC-3, MCIF, NCC-2, NCC2, SCYA14, SCYL2, SY14
Gene Description	chemokine (C-C motif) ligand 14
Omim ID	601392
Gene Ontology	Hyperlink
Gene Summary	This gene, CCL14, is one of several CC cytokine genes clustered on 17q11.2. The CC cytokines are secreted proteins characterized by two adjacent cysteines. The cytokine encoded by this gen e induces changes in intracellular calcium concentration and enzyme release in monocytes. Multip le transcript variants encoding different isoforms have been found for this gene. Read-through tran scripts are also expressed that include exons from the upstream cytokine gene CCL15, and are r epresented as GeneID: 348249. [provided by RefSeq
Other Designations	OTTHUMP00000176860|chemokine CC-1|chemokine CC-3|small inducible cytokine subfamily A (Cys-Cys), member 14

Pathway

- Chemokine signaling pathway
- Cytokine-cytokine receptor interaction

Disease

- Asthma
- Bronchiolitis
- Genetic Predisposition to Disease
- Infant
- Lupus Erythematosus
- Multiple Sclerosis
- Respiratory Syncytial Virus Infections
- Tobacco Use Disorder

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