Bioactive

CCL4 (Human) Recombinant Protein

Catalog # P3652 Size 10 ug

Specification

Product Description	Human CCL4 (P13236, 24 a.a. - 92 a.a.) partial recombinant protein expressed in *Escherichia coli*.
Sequence	APMGSDPPTACCFSYTARKLPRNFVVDYYETSSLCSQPAVVFQTKRSKQVCADPSESWVQEYV YDLELN
Host	Escherichia coli
Theoretical MW (kDa)	8
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purification	Ion exchange column and HPLC reverse phase column
Purity	> 90% by SDS-PAGE and HPLC
Endotoxin Level	< 0.1 ng/ug (1 EU/ug)
Activity	Determined by the ability to chemoattract human blood monocytes using a concentration range of 2.0 -10.0 ng/mL.
Storage Buffer	Lyophilized from PBS
Storage Instruction	Store at -20°C on dry atmosphere for 2 years. After reconstitution with deionized water, store at 4°C for 1 month or store at -20°C for 6 months. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

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Gene Info — CCL4

Entrez GeneID	6351
Protein Accession#	P13236
Gene Name	CCL4
Gene Alias	ACT2, AT744.1, G-26, LAG1, MGC104418, MGC126025, MGC126026, MIP-1-beta, MIP1B, MIP1B1, SCYA2, SCYA4
Gene Description	chemokine (C-C motif) ligand 4
Omim ID	182284
Gene Ontology	Hyperlink
Other Designations	CC chemokine ligand 4|chemokine C-C motif ligand 4|lymphocyte-activation gene 1|secreted protein G-26|small inducible cytokine A4 (homologous to mouse Mip-1b)

Pathway

- Chemokine signaling pathway
- Cytokine-cytokine receptor interaction
- Toll-like receptor signaling pathway

Disease

- Alzheimer disease
- Asthma
- Bronchiolitis
- Genetic Predisposition to Disease
- HIV Infections
- Infant
- Respiratory Syncytial Virus Infections

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