Bioactive

CCL4 (Human) Recombinant Protein

Catalog # P9539 Size 2 x 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)	7.6
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purity	> 99.0% by SDS-PAGE
Activity	The Biological activity is 5 - 20 ng/mL, was calculated by the ability to chemoattract Human blood mo nocytes, corresponding to a specific activity of 50000 - 200000 IU/mg.
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

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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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