Bioactive

CCL19 (Human) Recombinant Protein

Catalog # P9544 Size 20 ug

Specification

Product Description	Human CCL19 (Q99731, 22 a.a. - 98 a.a.) partial recombinant protein expressed in *Escherichia coli* .
Sequence	GTNDAEDCCLSVTQKPIPGYIVRNFHYLLIKDGCRVPAVVFTTLRGRQLCAPPDQPWVERIIQRLQR TSAKMKRRSS
Host	Escherichia coli
Theoretical MW (kDa)	8.800000000000001
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purity	> 98.0% by SDS-PAGE
Activity	The Biological activity is 7 - 40 ng/mL, was calculated by the ability to chemoattract Human T cells, c orresponding to a specific activity of 25000 - 143000 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 — CCL19

Entrez GeneID	6363
Protein Accession#	Q99731
Gene Name	CCL19
Gene Alias	CKb11, ELC, MGC34433, MIP-3b, MIP3B, SCYA19
Gene Description	chemokine (C-C motif) ligand 19
Omim ID	602227
Gene Ontology	Hyperlink
Gene Summary	This gene is one of several CC cytokine genes clustered on the p-arm of chromosome 9. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene may play a role in normal lymphocyte recirculation and homing. It also plays an important role in trafficking of T cells in thymus, and in T cell and B cell migration to secondary lymphoid organs. It specifically binds to chemokine receptor CCR7. [provided by RefSeq
Other Designations	CC chemokine ligand 19|CK beta-11|EBI1-ligand chemokine|OTTHUMP00000000531|OTTHUMP00000021295|beta chemokine exodus-3|exodus-3|macrophage inflammatory protein 3-beta|small inducible cytokine A19|small inducible cytokine subfamily A (Cys-Cys), member 19

Pathway

- Chemokine signaling pathway
- Cytokine-cytokine receptor interaction

Disease

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

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