Bioactive

CCL25 (Human) Recombinant Protein

Catalog # P7223 Size 20 ug

Specification

Product Description	Human CCL25 (O15444, 24 a.a. - 150 a.a.) partial recombinant protein expressed in *Escherichia coli*.
Sequence	QGVFEDCCLAYHYPIGWAVLRRAWTYRIQEVSGSCNLPAAIFYLPKRHRKVCGNPKSREVQRAM KLLDARNKVFAKLHHNTQTFQAGPHAVKKLSSGNSKLSSSKFSNPISSSKRNVSLLISANSGL
Host	Escherichia coli
Theoretical MW (kDa)	14.4
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purity	> 97% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	The biological activity determined by a chemotaxis bioassay using human monocytes is in a concentration range of 1.0 - 10.0 ng/ml.
Storage Buffer	Lyophilized from sterile distilled Water up to 0.1 - 1.0 mg/ml
Storage Instruction	Store at 4°C to 8°C for 1 week. For long term storage 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 — CCL25

Entrez GeneID	6370
Protein Accession#	O15444
Gene Name	CCL25
Gene Alias	Ckb15, MGC150327, SCYA25, TECK
Gene Description	chemokine (C-C motif) ligand 25
Omim ID	602565
Gene Ontology	Hyperlink
Gene Summary	This gene belongs to the subfamily of small cytokine CC genes. 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 displays chemotactic activity for dendritic cells, thymocytes, and activated macrophages but is inactive on peripheral blood lymphocytes and neutrophils. The product of this gene binds to chemokine receptor CCR9. [provided by RefSeq
Other Designations	Ck beta-15|TECKvar|chemokine TECK|small inducible cytokine A25|small inducible cytokine subfamily A (Cys-Cys), member 25|thymus expressed chemokine

Pathway

- Chemokine signaling pathway
- Cytokine-cytokine receptor interaction

Disease

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

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