CCL27 (Human) Recombinant Protein

Catalog # P9428 Size 20 ug

Specification

Product Description	Human CCL27 (Q9Y4X3, 25 a.a. - 112 a.a.) partial recombinant protein expressed in *Escherichia coli*.
Sequence	MFLLPPSTACCTQLYRKPLSDKLLRKVIQVELQEADGDCHLQAFVLHLAQRSICIHPQNPSLSQWF EHQERKLHGTLPKLNFGMLRKMG
Host	Escherichia coli
Theoretical MW (kDa)	10.3
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purity	> 95% by SDS-PAGE
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In 10mM sodium citrate pH 3.5 (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 — CCL27

Entrez GeneID	10850

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Protein Accession#	Q9Y4X3
Gene Name	CCL27
Gene Alias	ALP, CTACK, CTAK, ESKINE, ILC, PESKY, SCYA27
Gene Description	chemokine (C-C motif) ligand 27
Omim ID	604833
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 protein encoded by this gene is chemotactic for skin-associated memory T lymphocytes. This cytokine may also play a role in mediating homing of lymphocytes to cutaneous sites. It specifically binds to chemokine receptor 10 (CCR10). Studies of a similar murine protein indicate that these protein-receptor interactions have a pivotal role in T cell-mediated skin inflammation. [provided by RefSeq
Other Designations	CC chemokine ILC|IL-11 Ralpha-locus chemokine|OTTHUMP00000000533|OTTHUMP00000021297|cutaneous T-cell attracting chemokine|skinkine|small inducible cytokine A27|small inducible cytokine subfamily A (Cys-Cys), member 27

Pathway

- Chemokine signaling pathway
- Cytokine-cytokine receptor interaction

Disease

- Asthma
- Bronchiolitis
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Infant
- Respiratory Syncytial Virus Infections

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