Bioactive

# CCL27 (Human) Recombinant Protein

Catalog # P6344 Size 100 ug

## Specification

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|---|---|
| **Product Description** | Human CCL27 (Q9Y4X3) recombinant protein expressed in *E. Coli*. |
| **Sequence** | FLLPPSTACCTQLYRKPLSDKLLRKVIQVELQEADGDCHLQAFVLHLAQRSICIHPQNPSLSQWFE HQERKLHGTLPKLNFGMLRKMG |
| **Host** | Escherichia coli |
| **Theoretical MW (kDa)** | 10 |
| **Form** | Lyophilized |
| **Purity** | > 95% |
| **Endotoxin Level** | <= 1 EUs/ug (LAL gel clot method) |
| **Activity** | Determined by the ability to chemoattract CXCR3 transfected cells using a concentration of 10-100 ng/mL. |
| **Storage Buffer** | Lyophilized from PBS, pH 7.2. |
| **Storage Instruction** | Stored at -20°C to-80°C.<br>After reconstitution with sterile water not less than 0.1 mg/mL, store at -20°C to -80°C for 6 months, store at 4°C for 1 month.<br>Aliquot to avoid repeated freezing and thawing. |

## Applications

- Western Blot
- Functional Study

## Gene Info — CCL27

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|---|---|
| **Entrez GeneID** | 10850 |
| **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

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- Infant
- Respiratory Syncytial Virus Infections

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