

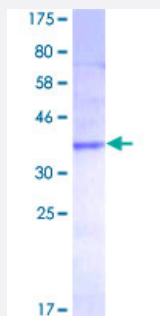
Full-Length

CCL27 (Human) Recombinant Protein (P01)

Catalog # H00010850-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CCL27 full-length ORF (NP_006655, 1 a.a. - 112 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MKGPPTFCLLLLLLLLSPDPTAAFLPPSTACCTQLYRKPLSDKLLRKVIQVELQEADGDCHLQAFVLHLAQRSICIHQNPQLSQWFEHQERKLHGTLPKLNFGMLRKMG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.95
Interspecies Antigen Sequence	Mouse (61)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CCL27

Entrez GeneID [10850](#)

GeneBank Accession# [NM_006664.1](#)

Protein Accession# [NP_006655](#)

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|OTTHUMP000000021297|cutaneous T-cell attracting chemokine|skin|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](#)