

RP00319

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Recombinant Human CCL27/CTACK Protein

Catalog No.: RP00319

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	10850	Q9Y4X3

Tags

No tag

Synonyms

CCL27;ALP;CTACK;CTAK;ESKINE;ILC;PESK
Y;SCYA27

Product Information

Source

<I>E. coli</I>

Purification

> 95% by SDS-
PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered
solution of 20 mM PB, 500 mM NaCl, pH
7.5. Contact us for customized product
form or formulation.

Reconstitution

Reconstitute to a concentration of
0.1-0.5 mg/mL in sterile distilled water.

Background

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 protein 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.

Basic Information

Description

Recombinant Human CCL27/CTACK Protein is produced by <I>E. coli</I> expression system. The target protein is expressed with sequence (Phe25-Gly112) of human CCL27/CTACK (Accession #Q9Y4X3).

Bio-Activity

Measured by its ability to chemoattract BaF3 mouse pro-B cells transfected with human CCR10. The ED₅₀ for this effect is 0.1-0.4 μg/mL.

Storage

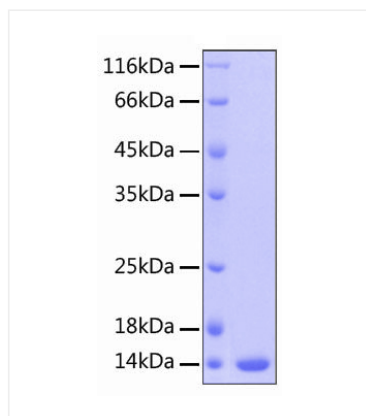
Store the lyophilized protein at -20°C to -80 °C for long term.
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant protein Human CCL27/CTACK was determined by SDS-PAGE under reducing conditions with Coomassie Blue, showing a band at 14 kDa.