

Recombinant Human CCL16/HCC-4 Protein

Catalog No.: RP00314 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	6360	O15467

Tags

C-His

Synonyms

CCL16;CKb12;HCC-4;ILINCK;LCC-1;LEC;L
MC;Mtn-1;NCC-4;NCC4;SCYA16;SCYL4

Product Information

Source	Purification
HEK293 cells	> 95% by SDS- PAGE.

Endotoxin

<0.01 EU/μg of the protein by LAL
method.

Formulation

Lyophilized from a 0.2 μm filtered
solution of 20 mM PB, 150 mM NaCl, pH
7.4. 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 cytokine encoded by This protein displays chemotactic activity for lymphocytes and monocytes but not for neutrophils. This cytokine also shows a potent myelosuppressive activity and suppresses proliferation of myeloid progenitor cells. The expression of This protein is upregulated by IL-10.

Basic Information

Description

Recombinant Human CCL16/HCC-4 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gln24-Gln120) of human CCL16/HCC-4 (Accession #O15467) with a His tag at C-terminus.-

Bio-Activity

Measured by its ability to chemoattract THP-1 human acute monocytic leukemia cells. The ED₅₀ for this effect is 0.5-2 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.

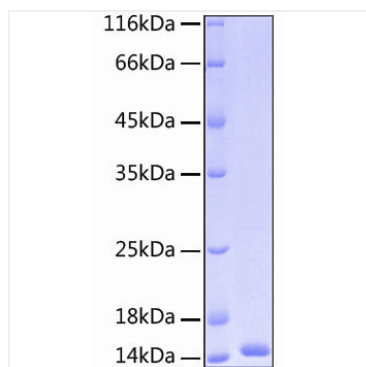
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Validation Data



Recombinant protein Human CCL16/HCC-4 was determined by SDS-PAGE under reducing conditions with Coomassie Blue, showing a band at 14 kDa.