RP00810

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Recombinant Human CCL18/PARC Protein

Catalog No.: RP00810 Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
<I>E. coli</I>	6362	P55774

Tags
N-His

Synonyms
CCL18;AMAC-1;AMAC1;CKb7;DC-CK1;DCCK1;MIP-4;PARC;SCYA18; PARC; AMAC1; DCCK1; MIP-4; AMAC-1; DC-CK1; SCYA18

Product Information

Source	Purification
<I>E. coli</I>	> 95% by SDS-PAGE.

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

Formulation
Lyophilized from a 0.2 μm filtered solution of 20mM PB,150mM NaCl,pH7.4.Contact us for customized product form or formulation.

Reconstitution
Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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Background

C-C Motif Chemokine 18 (CCL18) is secreted protein that belongs to the intercrine beta (chemokine CC) family.CCL18 is expressed at high levels in the lung, lymph nodes, placenta, bone marrow, and dendritic cells. CCL18 isa chemotactic factor that attracts lymphocytes but not monocytes or granulocytes. CCL18 is a novel CCchemokine that is highly homologous to MIP-1 alpha. CCL18 may be involved in B-cell migration into B-cellfollicles in lymph nodes. CCL18 attracts naive T-lymphocytes toward dendritic cells and activated macrophagesin lymph nodes. It has chemotactic activity for naive T-cells, CD4+ and CD8+ T-cells and thus may play a role inboth humoral and cell-mediated immunity responses.

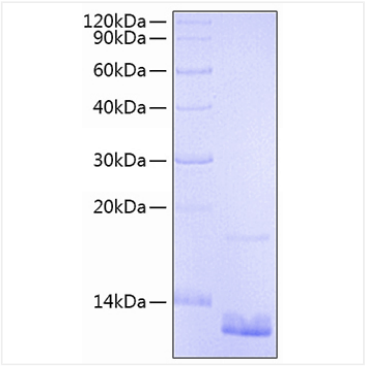
Basic Information

Description
Recombinant Human CCL18/PARC Protein is produced by <I>E. coli</I> expression system. The target protein is expressed with sequence (Ala21-Ala89) of human CCL18/PARC (Accession #P55774) fused with an initial Met at the N-terminus and a 6×His tag at the N-terminus.

Bio-Activity

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.

Validation Data



Recombinant Human CCL18/PARC Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.