

MIP-4/CCL18 (N-6His), Human, Recombinant

Cat. No. : PCK110

General Information

Synonyms	C-C Motif Chemokine 18;Alternative Macrophage Activation-Associated CC Chemokine 1; AMAC-1;CC Chemokine PARC;Dendritic Cell Chemokine 1;DC-CK1;Macrophage Inflammatory Protein 4;MIP-4;Pulmonary and Activation-Regulated Chemokine;Small-Inducible
Species	Human
Expression host	E.coli
Sequence	Ala21-Ala89
Accession	P55774
Tag	N-6His
Mol mass	10.1 kDa
Expiration date	12 months

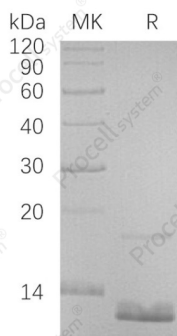
Product feature

Purity	> 95% as determined by reducing SDS-PAGE.
Endotoxin (EU/μg)	< 0.1
Storage	Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.
Shipping	Ice bag
Formulation	Lyophilized from a 0.2 μm filtered solution of 20 mM Citrate, 6% Trehalose, 4% Mannitol, 0.05% Tween 80, pH 4.0.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/mL. Dissolve the lyophilized protein in sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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 is a chemotactic factor that attracts lymphocytes but not monocytes or granulocytes. CCL18 may be involved in B-cell migration into B-cell follicles in lymph nodes. CCL18 attracts naive T-lymphocytes toward dendritic cells and activated macrophages in lymph nodes. It has chemotactic activity for naive T-cells, CD4+ and CD8+ T-cells and thus may play a role in both humoral and cell-mediated immunity responses.

SDS-PAGE



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