

Recombinant Human Macrophage Inflammatory Protein-4/CCL18

Catalog No: #AP60312

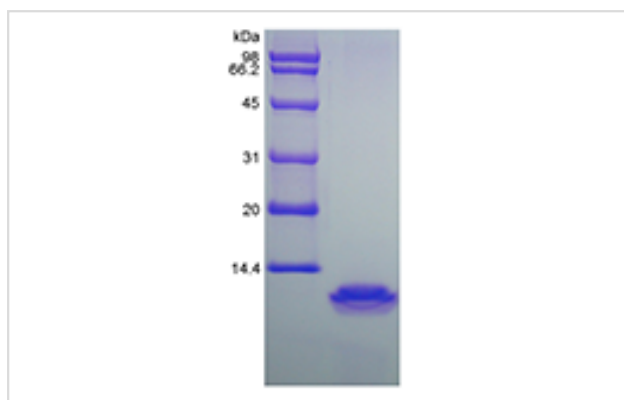
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Package Size: #AP60312-1 10ug #AP60312-2 100ug #AP60312-3 500ug

Description

Product Name	Recombinant Human Macrophage Inflammatory Protein-4/CCL18
Host Species	Escherichia coli.
Purification	> 97 % by SDS-PAGE and HPLC analyses.
Other Names	AMAC-1, PARC, DC-CK1
Calculated MW	Approximately 7.9 kDa, a single non-glycosylated polypeptide chain containing 69 amino acids.
Target Sequence	AQVGTNKELC CLVYTSWQIP QKFIVDYSET SPQCPKPGVI LLTKRGRQIC ADPNKKWVQK YISDLKLNA
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM PB, pH 7.4, 100 mM NaCl.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> -□ A minimum of 12 months from date of receipt, when stored at &le;-20 °C as supplied. -□ 1 month, 2 to 8 °C under sterile conditions after reconstitution. -□ 3 months, -20 to -70 °C under sterile conditions after reconstitution.

Images



Background

Human CCL18 is encoded by the CCL18 gene located on the chromosome 17. As also named MIP-4, it shares 61 % sequence identity to human MIP-1α. CCL18 is mainly expressed by lung and some lymphoid tissues like lymph nodes express CCL18 at low level. It is chemotactic for both activated (CD3+) T cells and nonactivated (CD14-) lymphocytes, but not for monocytes or granulocytes. Involved in B-cell migration into B-cell follicles in lymph nodes. CCL18 plays a role in both humoral and cell-mediated immunity responses.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.