PRODUCT INFORMATION

Target	CCL18
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 Cytokine A18;CCL18;AMAC1;DCCK1;MIP4;PARC;SCYA18
Description	Recombinant Human C-C Motif Chemokine 18 is produced by our E.coli expression system and the target gene encoding Ala21-Ala89 is expressed with a 6His tag at the N-terminus.
Delivery	In Stock
Uniprot ID	P55774
Expression Host	E.coli
Tag	C-6×His Tag
Molecular Characterization	Not available
Molecular Weight	10.1 KDa
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Formulation & Reconstitution	Lyophilized from a 0.2 μm filtered solution of PBS, 5% Trehalose, pH 7.4.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
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.
Usage	Research use only
Conjugate	Unconjugated

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Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China
Telephone: +1 2409940618(USA)
/+86-18062749453(China)
/+86-400-006-0995(China)

Email: info@dimabio.com
Website: www.dimabio.com

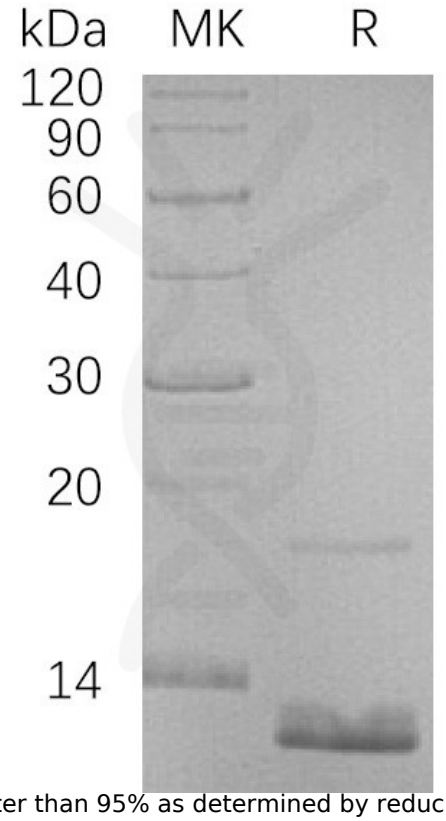


Figure 1. Greater than 95% as determined by reducing SDS-PAGE.

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