

Product datasheet

Recombinant Human CCL18 protein - BSA and Azide free ab173065

Description

Product name	Recombinant Human CCL18 protein - BSA and Azide free
Purity	> 95 % SDS-PAGE. Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Endotoxin level	< 1.000 Eu/μg
Expression system	Escherichia coli
Accession	<u>P55774</u>
Protein length	Full length protein
Animal free	No
Carrier free	Yes
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSHMAQVGTNKELCCLVYTSW QIPQKFVDYSE TSPQCPKPGVILLTK RGRQICADPNKKWVQKYISDLKLNA
Predicted molecular weight	10 kDa including tags
Amino acids	21 to 89
Tags	His tag N-Terminus
Description	Recombinant Human CCL18 protein (BSA and azide free)

Specifications

Our **Abpromise guarantee** covers the use of **ab173065** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE HPLC
Form	Liquid

Preparation and Storage

Stability and Storage Shipped on Dry Ice. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
pH: 7.40
Constituent: 100% PBS

Supplied as a 0.2 µM filtered solution

General Info

Function Chemotactic factor that attracts lymphocytes but not monocytes or granulocytes. May be involved in B-cell migration into B-cell follicles in lymph nodes. Attracts naive T-lymphocytes toward dendritic cells and activated macrophages in lymph nodes, 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.

Tissue specificity Expressed at high levels in lung, lymph nodes, placenta, bone marrow, dendritic cells present in germinal centers and T-cell areas of secondary lymphoid organs and macrophages derived from peripheral blood monocytes. Not expressed by peripheral blood monocytes and a monocyte-to-macrophage differentiation is a prerequisite for expression. Expressed in synovial fluids from patients with rheumatoid and septic arthritis and in ovarian carcinoma ascitic fluid.

Sequence similarities Belongs to the intercrine beta (chemokine CC) family.

Cellular localization Secreted.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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