

Product datasheet

Recombinant mouse CCL21 protein ab9904

1 References

Description

Product name	Recombinant mouse CCL21 protein
Purity	> 99 % SDS-PAGE. Sterile filtered Greater than 99% pure by HPLC analyses. Endotoxin level is less than 0.1 ng per g (1EU/g).
Expression system	Escherichia coli
Accession	<u>P86793</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Mouse
Sequence	SDGGGQDCCLKYSQKKIPYSIVRGYRKQEPSLGCPAILF LPRKHSKPE LCANPEEGWVQNLMRRLDQPPAPGKQSPGCRKNRGTS KSGKKGKGSKGCK RTEQTQPSRG
Predicted molecular weight	15 kDa
Amino acids	24 to 133

Specifications

Our **Abpromise guarantee** covers the use of **ab9904** in the following tested applications.

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

Applications	Functional Studies SDS-PAGE
Form	Lyophilized
Additional notes	The biological activity of this product was determined by its ability to chemoattract human activated T cells cultured in the presence of IL-2 using a concentration range of 10.0-100.0 ng/ml.

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
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This product is an active protein and may elicit a biological response in vivo, handle with caution.

Reconstitution

For lot specific reconstitution information please contact our Scientific Support Team.

General Info

Function

Inhibits hemopoiesis and stimulates chemotaxis. Chemotactic in vitro for thymocytes and activated T-cells, but not for B-cells, macrophages, or neutrophils. Shows preferential activity towards naive T-cells. May play a role in mediating homing of lymphocytes to secondary lymphoid organs.

Tissue specificity

Highly expressed in high endothelial venules of lymph nodes, spleen and appendix. Intermediate levels found in small intestine, thyroid gland and trachea. Low level expression in thymus, bone marrow, liver, and pancreas. Also found in tonsil, fetal heart and fetal spleen.

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"

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