

## Product datasheet

# Recombinant human CCL21 protein ab9852

### Overview

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<b>Product name</b>	Recombinant human CCL21 protein
<b>Protein length</b>	Full length protein

### Description

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<b>Nature</b>	Recombinant
<b>Source</b>	Escherichia coli
<b>Amino Acid Sequence</b>	
<b>Species</b>	Human
<b>Molecular weight</b>	15 kDa

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab9852** in the following tested applications.

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

<b>Applications</b>	Functional Studies SDS-PAGE
<b>Endotoxin level</b>	< 0.100 Eu/µg
<b>Form</b>	Lyophilised
<b>Additional notes</b>	The biological activity of this product was determined by its ability to chemoattract total lymphocyte population using a concentration range of 10.0-100.0 ng/ml.

### Preparation and Storage

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<b>Stability and Storage</b>	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.  n/a  This product is an active protein and may elicit a biological response in vivo, handle with caution.
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### General Info

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<b>Function</b>	Inhibits hemopoiesis and stimulates chemotaxis. Chemotactic in vitro for thymocytes and
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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 AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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