

## Product datasheet

# Recombinant human Macrophage Inflammatory Protein 3 (Active) ab9931

### Overview

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<b>Product name</b>	Recombinant human Macrophage Inflammatory Protein 3 (Active)
<b>Protein length</b>	Full length protein

### Description

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<b>Nature</b>	Recombinant
<b>Source</b>	Escherichia coli

### Amino Acid Sequence

<b>Species</b>	Human
<b>Molecular weight</b>	13 kDa

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab9931** 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 is determined by its ability to chemoattract human T-cells using a concentration range of 10.0-50.0 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>	Shows chemotactic activity for monocytes, resting T-lymphocytes, and neutrophils, but not for activated lymphocytes. Inhibits proliferation of myeloid progenitor cells in colony formation assays. This protein can bind heparin. Binds CCR1. CCL23(19-99), CCL23(22-99), CCL23(27-99), CCL23(30-99) are more potent chemoattractants than the small-inducible cytokine A23.
<b>Tissue specificity</b>	High levels in adult lung, liver, skeletal muscle and pancreas. Moderate levels in fetal liver, adult bone marrow and placenta. The short form is the major species and the longer form was detected only in very low abundance. CCL23(19-99), CCL23(22-99), CCL23(27-99), CCL23(30-99) are found in high levels in synovial fluids from rheumatoid patients.
<b>Sequence similarities</b>	Belongs to the intercrine beta (chemokine CC) family.
<b>Cellular localization</b>	Secreted.

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**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
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- We provide support in Chinese, English, French, German, Japanese and Spanish
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- We investigate all quality concerns to ensure our products perform to the highest standards

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