

### Recombinant mouse MCP5 protein ab201405

#### Description

<b>Product name</b>	Recombinant mouse MCP5 protein
<b>Biological activity</b>	Fully biologically active when compared to standard. The ED <sub>50</sub> determined by a chemotaxis bioassay using human monocytes is less than 50 ng/ml, corresponding to a specific activity of >2×10 <sup>4</sup> IU/mg.
<b>Purity</b>	> 95 % SDS-PAGE. > 95 % by HPLC.
<b>Endotoxin level</b>	< 1.000 Eu/μg
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<b><u>287562</u></b>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Mouse
<b>Sequence</b>	GPDAVSTPVT CCYNVVKQKI HVRKLKSYRR ITSSQCPREA VIFRTILDKE ICADPKEKWW KNSINHLDKT SQTFILEPSC LG
<b>Predicted molecular weight</b>	9 kDa
<b>Amino acids</b>	23 to 104
<b>Additional sequence information</b>	This product is for the mature full length protein. The signal peptide is not included.

#### Specifications

Our **Abpromise guarantee** covers the use of **ab201405** 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>	SDS-PAGE Functional Studies HPLC
<b>Form</b>	Lyophilized

#### Preparation and Storage

<b>Stability and Storage</b>	Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
	pH: 7.40
	Constituent: 100% PBS
	Lyophilized from a 0.2 µm filtered concentrated solution
	This product is an active protein and may elicit a biological response in vivo, handle with caution.

<b>Reconstitution</b>	Briefly centrifuge prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml. Stock solutions should be apportioned into working aliquots and stored at <-20°C. Further dilutions should be made in appropriate buffered solutions.
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## General Info

<b>Function</b>	Chemotactic factor that attracts eosinophils, monocytes, and lymphocytes but not neutrophils. Potent monocyte active chemokine that signals through CCR2. Involved in allergic inflammation and the host response to pathogens and may play a pivotal role during early stages of allergic lung inflammation.
<b>Tissue specificity</b>	Predominantly expressed in the lymph nodes and thymus. Also found in the salivary glands containing lymph nodes, breast, heart, lung, brain, small intestine, kidney and colon.
<b>Sequence similarities</b>	Belongs to the intercrine beta (chemokine CC) family.
<b>Cellular localization</b>	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
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