

## Product datasheet

# Recombinant human MCP2 protein ab9672

### 1 References

#### 製品の概要

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製品名	Recombinant human MCP2 protein
タンパク質長	Full length protein

#### 製品の詳細

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由来	Recombinant
由来	Escherichia coli

#### アミノ酸配列

生物種	Human
配列	MCAF/ MCP-1 is an 8.6 kDa protein containing 76 amino acid residues: QPDSVSIPIT CCFNVINRKI PIQRLESYTR ITNIQCPKEA VIFKTKRGKE VCADP KERWVRDSMKHLDQI FQNLKP

#### 特性

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Our [Abpromise guarantee](#) covers the use of **ab9672** in the following tested applications.

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

アプリケーション	Functional Studies SDS-PAGE
エンドキシン・レベル	< 0.100 Eu/μg
精製度	> 97 % n/a. Sterile filtered Greater than 99% by SDS-PAGE and HPLC analyses. Endotoxin level is less than 0.1 ng per μg (1EU/μg).
製品の状態	Lyophilised
備考	The biological activity of this product is determined by its ability to chemoattract human peripheral blood monocytes using a concentration range of 10.0-100.0 ng/ml.

#### 前処理および保存

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## 保存方法および安定性

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.

## 関連情報

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### 機能

Chemotactic factor that attracts monocytes, lymphocytes, basophils and eosinophils. May play a role in neoplasia and inflammatory host responses. This protein can bind heparin. The processed form MCP-2(6-76) does not show monocyte chemotactic activity, but inhibits the chemotactic effect most predominantly of CCL7, and also of CCL2 and CCL5 and CCL8.

### 組織特異性

Highest expression found in the small intestine and peripheral blood cells. Intermediate levels seen in the heart, placenta, lung, skeletal muscle, thymus, colon, ovary, spinal cord and pancreas. Low levels seen in the brain, liver, spleen and prostate.

### 配列類似性

Belongs to the intercrine beta (chemokine CC) family.

### 翻訳後修飾

N-terminal processed form MCP-2(6-76) is produced by proteolytic cleavage after secretion from peripheral blood monocytes.

### 細胞内局在

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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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