

### Recombinant mouse CXCL5 protein ab9985

#### 製品の詳細

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製品名	Recombinant mouse CXCL5 protein
精製度	> 98 % SDS-PAGE. Sterile filtered Greater than 98% pure by HPLC analyses. Endotoxin level is less than 0.1 ng per g (1EU/g).
発現系	Escherichia coli
アクセッション番号	<b>P50228</b>
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Mouse
配列	APSSVIAATE LRCVCLTVTP KINPKLIANL EVIPAGPQCP TVEVIAKLKN QKEVCLDPEA PVIKKIIQKI LGSDKKKAKR NALAVERTAS VQ
予測される分子量	10 kDa
領域	41 to 132

#### 特性

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Our **Abpromise guarantee** covers the use of **ab9985** 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
製品の状態	Lyophilized
備考	The biological activity of mLIX was determined by its ability to chemoattract human neutrophils using a concentration range of 10-100 ng/ml. Mouse CXCL5 is the equivalent of human CXCL6 based on genetic and biological evidence as pointed out by Nomiya et al. (PMID: 20434943).

#### 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.
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This product is an active protein and may elicit a biological response in vivo, handle with caution.

#### 再構成

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

#### 関連情報

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##### 機能

May participate in the recruitment of inflammatory cells by injured or infected tissue. GCP-2(1-78) and, more potent, GCP-2(9-78) attract neutrophils and are involved in neutrophil activation.

##### 配列類似性

Belongs to the intercrine alpha (chemokine CxC) family.

##### 翻訳後修飾

GCP-2(1-78) and GCP-2(9-78) are produced by proteolytic cleavage after secretion from fibroblasts and epithelial cells. GCP-2(9-78) is the most prominent form. A number of additional N-terminal (processed between pos. 41 and 48) and C-terminal (processed between pos. 118 and 132) processed forms have been identified, probably also representing intermediate states.

##### 細胞内局在

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
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