

Recombinant mouse CXCL5 protein ab9985

Description

Product name	Recombinant mouse CXCL5 protein
Purity	> 98 % SDS-PAGE. Sterile filtered Greater than 98% pure by HPLC analyses. Endotoxin level is less than 0.1 ng per g (1EU/g).
Expression system	Escherichia coli
Accession	<u>P50228</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Mouse
Sequence	APSSVIAATE LRCVCLTVTP KINPKLIANL EVIPAGPQCP TVEVIAKLKN QKEVCLDPEA PVIKKIIQKI LGSDKKKAKR NALAVERTAS VQ
Predicted molecular weight	10 kDa
Amino acids	41 to 132

Specifications

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.

Applications	Functional Studies SDS-PAGE
Form	Lyophilized
Additional notes	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 Nomiyama et al. (PMID: 20434943).

Preparation and Storage

Stability and Storage	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.

Reconstitution

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

General Info

Function	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.
Sequence similarities	Belongs to the intercrine alpha (chemokine CxC) family.
Post-translational modifications	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.
Cellular localization	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
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