

Recombinant Human CXCL7/PBP protein ab109834

2 References 1 图像

描述	
产品名称	重组人CXCL7/PBP蛋白
纯度	> 90 % SDS-PAGE. No detergents such as urea, Triton or Tween were used to purify this protein. Purified by using anion exchange chromatography (DEAE sepharose resin) and gel filtration chromatography (Sephacryl S 200) with 20mM Tris pH 7.5, 2mM EDTA.
内毒素水平	< 1.000 Eu/μg
表达系统	Escherichia coli
Accession	<b>P02775</b>
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
序列	MSSTKGQTKR NLAKGKEESL DSDLYAELRC MCIKTTSGIH PKNIQSLEVI GKGTHCNQVE VIATLKDGRK ICLDPDAPRI KKIVQKKLAG DESAD
预测分子量	10 kDa
氨基酸	35 to 128

技术指标	
Our <b>Abpromise guarantee</b> covers the use of <b>ab109834</b> in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	SDS-PAGE Mass Spectrometry
质谱法	MALDI-TOF
形式	Liquid
补充说明	This protein is released in large amounts from platelets following their activation. It stimulates various processes including mitogenesis, synthesis of extracellular matrix, glucose metabolism and synthesis of plasminogen activator.

Previously labelled as CXCL7.

## 制备和贮存

### 稳定性和存储

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.

pH: 7.40

Constituents: 10% Glycerol (glycerin, glycerine), 90% PBS

## 常规信息

### 功能

LA-PF4 stimulates DNA synthesis, mitosis, glycolysis, intracellular cAMP accumulation, prostaglandin E2 secretion, and synthesis of hyaluronic acid and sulfated glycosaminoglycan. It also stimulates the formation and secretion of plasminogen activator by human synovial cells. NAP-2 is a ligand for CXCR1 and CXCR2, and NAP-2, NAP-2(73), NAP-2(74), NAP-2(1-66), and most potent NAP-2(1-63) are chemoattractants and activators for neutrophils. TC-1 and TC-2 are antibacterial proteins, in vitro released from activated platelet alpha-granules. CTAP-III(1-81) is more potent than CTAP-III desensitize chemokine-induced neutrophil activation.

### 序列相似性

Belongs to the intercrine alpha (chemokine CxC) family.

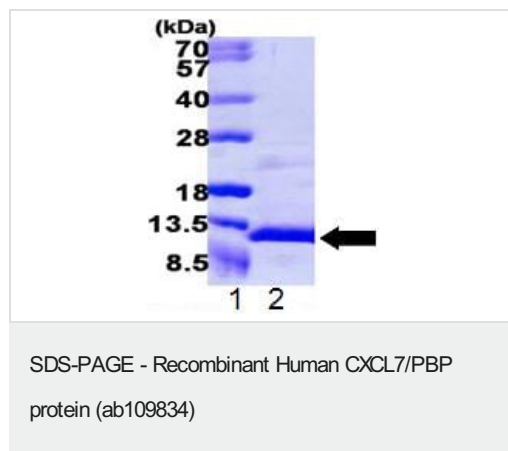
### 翻译后修饰

Proteolytic removal of residues 1-9 produces the active peptide connective tissue-activating peptide III (CTAP-III) (low-affinity platelet factor IV (LA-PF4)).  
Proteolytic removal of residues 1-13 produces the active peptide beta-thromboglobulin, which is released from platelets along with platelet factor 4 and platelet-derived growth factor.  
NAP-2(1-66) is produced by proteolytical processing, probably after secretion by leukocytes other than neutrophils.  
NAP-2(73) and NAP-2(74) seem not be produced by proteolytical processing of secreted precursors but are released in an active form from platelets.

### 细胞定位

Secreted.

## 图片



SDS-PAGE analysis of ab109834: (1) MW marker, (2) ab109834 at 3µg  
Gel concentration: 15%

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

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