

Recombinant Human CXCL7/PBP protein ab109834

2 References [画像数 1](#)

製品の詳細

製品名	Recombinant Human CXCL7/PBP protein
精製度	> 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.
エンドトキシン・レベル	< 1.000 Eu/μg
発現系	Escherichia coli
アクセッション番号	<u>P02775</u>
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Human
配列	MSSTKGQTKR NLAKGKEESL DSDLYAELRC MCIKTTSGIH PKNIQSLEVI GKGTHCNQVE VIATLKDGRK ICLDPDAPRI KKIVQKKLAG DESAD
予測される分子量	10 kDa
領域	35 to 128

特性

Our **Abpromise guarantee** covers the use of **ab109834** 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	SDS-PAGE Mass Spectrometry
質量分析	MALDI-TOF
製品の状態	Liquid
備考	

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.

前処理および保存

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.

pH: 7.40

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

関連情報

機能

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.

配列類似性

Belongs to the intercrine alpha (chemokine CxC) family.

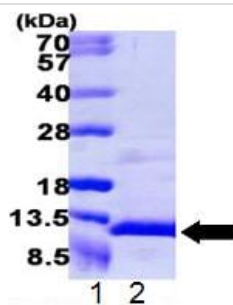
翻訳後修飾

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.

細胞内局在

Secreted.

画像



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

SDS-PAGE - Recombinant Human CXCL7/PBP
protein (ab109834)

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

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