

RP01599

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Recombinant Human CXCL7/PPBP Protein

Catalog No.: RP01599 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
<I>E. coli</I>	5473	P02775

Tags
No tag

Synonyms

PPBP;B-TG1;Beta-TG;CTAP-III;CTAP3;CTAPIII;CXCL7;LA-PF4;LDGF;MDGF;NAP-2;PBP;SCYB7;TC1;TC2;TGB;TGB1;THBGB;THBGB1

Product Information

Source	Purification
<I>E. coli</I>	≥ 95 % as determined by SDS-PAGE.

Endotoxin

Please contact us for more information.

Formulation

Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact



www.abclonal.com

Background

This protein is a platelet-derived growth factor that belongs to the CXC chemokine family. This growth factor is a potent chemoattractant and activator of neutrophils. It has been shown to stimulate various cellular processes including 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 synovial cells. The protein also is an antimicrobial protein with bactericidal and antifungal activity.

Basic Information

Description

Recombinant Human CXCL7/PPBP Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Ala59-Asp128) of human CXCL7/PPBP (Accession #NP_002695.1) fused with no additional amino acid.

Bio-Activity

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

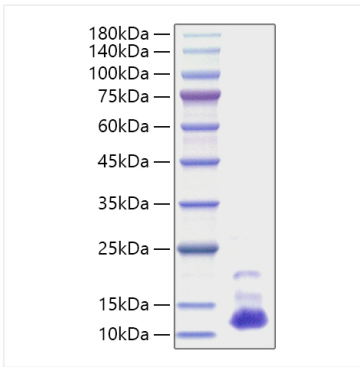
For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

* For your safety and health, please wear a lab coat and disposable gloves when handling.

Validation Data



Recombinant Human CXCL7/PPBP Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.