

RP00434

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Recombinant Human CXCL7/PPBP Protein

Catalog No.: RP00434 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	5473	P02775

Tags

C-6×His

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
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of 20 mM HAc-Nac, 150 mM NaCl, pH 4.0. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

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 Human Cell expression system. The target protein is expressed with sequence (Ser35-Asp128) of human CXCL7/PPBP (Accession #P02775) fused with a 6×His tag at the C-terminus.

Bio-Activity

Storage

Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.

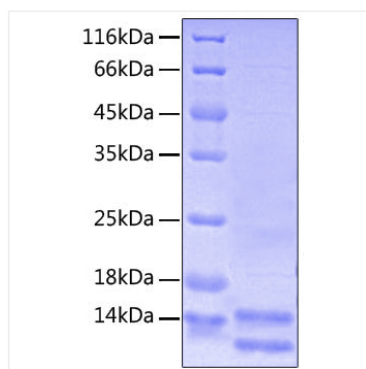
Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant protein Human CXCL7/PPBP was determined by SDS-PAGE under reducing conditions with Coomassie Blue, showing bands at 12 kDa and 14 kDa.