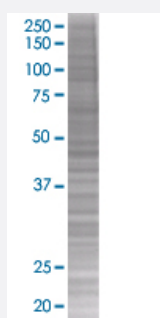


PPBP 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005473-T01

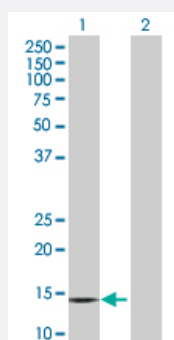
Size 100 uL

Applications



SDS-PAGE Gel

PPBP transfected lysate



Western Blot

Lane 1: PPBP transfected lysate (13.9 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-PPBP full-length

Host Human

Theoretical MW (kDa) 13.9

Quality Control Testing Transient overexpression cell lysate was tested with Anti-PPBP antibody ([H00005473-B01](#)) by Western Blots.
SDS-PAGE Gel
PPBP transfected lysate
Western Blot
Lane 1: PPBP transfected lysate (13.9 KDa).
Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — PPBP

Entrez GeneID	5473
GeneBank Accession#	NM_002704
Protein Accession#	NP_002695
Gene Name	PPBP
Gene Alias	B-TG1, Beta-TG, CTAP-III, CTAP3, CTAPIII, CXCL7, LA-PF4, LDGF, MDGF, NAP-2, PBP, SCYB7, TC1, TC2, TGB, TGB1, THBGB, THBGB1
Gene Description	pro-platelet basic protein (chemokine (C-X-C motif) ligand 7)
Omim ID	121010
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene 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. [provided by RefSeq]
Other Designations	CXC chemokine ligand 7 beta-thromboglobulin connective tissue-activating peptide III leukocyte-derived growth factor low-affinity platelet factor IV macrophage-derived growth factor neutrophil-activating peptide 2 neutrophil-activating peptide-2 platelet

Pathway

- [Chemokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)

Disease

- [Asthma](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Respiratory Syncytial Virus Infections](#)