

Recombinant Human SERPINA7 Protein (Leu128-Ala415), His tagged

Cat. No. SERPINA7-6399H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SERPINA7 (Leu128-Ala415) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Leu128-Ala415
Description	Pro-platelet basic protein (PPBP) is also known as Chemokine (C-X-C motif) ligand 7 (CXCL7) and nucleosome assembly protein (Nap-2). Nap-2/PPBP/CXCL7 is released in large amounts from platelets following their activation and is a platelet-derived growth factor that belongs to the CXC chemokine family. This growth factor is a potent chemoattractant and activator of neutrophils. Nap-2/PPBP/CXCL7 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. 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.
Form	Lyophilized powder/frozen liquid
Molecular Mass	32.5 kDa

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Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	SERPINA7 serpin family A member 7 [Homo sapiens (human)]
Official Symbol	SERPINA7
Synonyms	SERPINA7; serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 7; serine (or cysteine) proteinase inhibitor, clade A (alpha 1 antiproteinase, antitrypsin), member 7, TBG; thyroxine-binding globulin; alpha 1 antiproteinase; antitrypsin; thyroxin binding globulin; thyroxine binding globulin; serpin A7; T4-binding globulin; thyroxin-binding globulin; serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 7; TBG; FLJ17820;
Gene ID	6906
mRNA Refseq	NM_000354

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Protein Refseq	NP_000345
MIM	314200
UniProt ID	P05543

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