Recombinant Rabbit Serpin Peptidase Inhibitor, Clade E (nexin, plasminogen activator inhibitor type 1), Member 1

Cat. No. SERPINE1-5484R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RecombinantRabbit SERPINE1 latent fraction is biotin labeled on lysine residues.
Species	Rabbit
Source	E.coli
Description	SERPINE1 also known as endothelial plasminogenactivator inhibitor or serpin E1 is a protein that in humans is encoded bythe SERPINE1 gene. SERPINE1is a serine protease inhibitor (serpents) that functions as the principalinhibitor of tissue plasminogen activator (tPA) and urokinase (uPA), theactivators of plasminogen and hence fibrinolysis (the physiological breakdownof blood clots). It is a serine protease inhibitor (serpin) protein (Serpine1).
Form	Frozen liquid in 0.1M HEPES Buffer+0.1 M NaCl, pH 7.4.
Purity	>95%by SDS-PAGEanalysis
Molecular Weight	43 kDa
Concentration	2.5 mg/ml
Endotoxin Level	<0.1 ng/μg ofprotein
Storage	Store at -80°C. Stablefor 3 years from delivery. Avoid repeated freeze-thaw cycles.

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OfficialSymbol	SERPINE1

GENE INFORMATION

Gene Name	SERPINE1serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitortype 1), member 1 [Oryctolagus cuniculus]
Synonyms	SERPINE1;serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitortype 1), member 1; putative plasminogen activator inhibitor-1
Gene ID	100009588
mRNA Refseq	XM_002722823
Protein Refseq	XP_027228690
UniProt ID	G1TAU6
PAI-1 in complexwith the SMB domain of Vitronectin PDB 1OC0.	

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