

Recombinant Full Length Human SERPINE1, GST-tagged

Cat. No. SERPINE1-2600H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SERPINE1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-402aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	SERPINE1 serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1 [Homo sapiens]
Official Symbol	SERPINE1
Synonyms	SERPINE1; serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1; PAI1, PLANH1, serine (or cysteine) proteinase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1; plasminogen activator

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	inhibitor 1; PAI; plasminogen activator inhibitor; type I; serpin E1; endothelial plasminogen activator inhibitor; serine (or cysteine) proteinase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1; PAI1; PAI-1; PLANH1;
Gene ID	5054
mRNA Refseq	NM_000602
Protein Refseq	NP_000593
MIM	173360
UniProt ID	P05121
Chromosome Location	7q21.3-q22
Pathway	Adipogenesis, organism-specific biosystem; BMAL1:CLOCK/NPAS2 Activates Circadian Expression, organism-specific biosystem; Blood Clotting Cascade, organism-specific biosystem; Chagas disease (American trypanosomiasis), organism-specific biosystem; Chagas disease (American trypanosomiasis), conserved biosystem; Circadian Clock, organism-specific biosystem; Complement and Coagulation Cascades, organism-specific biosystem;
Function	peptidase inhibitor activity; protease binding; protein binding; contributes_to receptor binding; serine-type endopeptidase inhibitor activity; serine-type endopeptidase inhibitor activity;