

## Recombinant Human SERPINE1 Protein, MYC/DDK-tagged

Cat. No. SERPINE1-1003H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human SERPINE1 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes a member of the serine proteinase inhibitor (serpin) superfamily. This member is the principal inhibitor of tissue plasminogen activator (tPA) and urokinase (uPA), and hence is an inhibitor of fibrinolysis. Defects in this gene are the cause of plasminogen activator inhibitor-1 deficiency (PAI-1 deficiency), and high concentrations of the gene product are associated with thrombophilia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009].
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
<b>Molecular Mass</b>	42.7 kDa
<b>Purity</b>	>50 ug/mL as determined by microplate BCA method
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

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<b>Gene Name</b>	SERPINE1 serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1 [ Homo sapiens ]
<b>Official Symbol</b>	SERPINE1
<b>Synonyms</b>	PAI; PAI-1; PAI1; PLANH1
<b>Gene ID</b>	5054
<b>mRNA Refseq</b>	NM_000602
<b>Protein Refseq</b>	NP_000593
<b>MIM</b>	173360
<b>UniProt ID</b>	P05121

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