

Clade Name	Clade	Serpin Gene Name	Known Aliases
Alpha 1 proteinase inhibitor antitrypsin	A	<i>SERPINA1</i>	alpha 1PI
		<i>SERPINA2</i>	
		<i>SERPINA3</i>	alpha1 ACT
		<i>SERPINA4</i>	PI4, KST, KAL
		<i>SERPINA5</i>	PCI
		<i>SERPINA6</i>	CBG
		<i>SERPINA7</i>	TBG
		<i>AGT</i>	SERPINA8
		<i>SERPINA9</i>	centurin
		<i>SERPINA10</i>	PZI
		<i>SERPINA11</i>	
		<i>SERPINA12</i>	vaspin
		<i>SERPINA13P</i>	
ov serpins	B	<i>SERPINB1</i>	PI2, LEI, MNEI, EI
		<i>SERPINB2</i>	PAI2, placental PAI, Monocyte ARG serpin, PLANH2
		<i>SERPINB3</i>	SCCA1, SCC
		<i>SERPINB4</i>	SCCA2, PI11
		<i>SERPINB5</i>	maspin, PI5
		<i>SERPINB6</i>	DFNB91, PI6, CAP
		<i>SERPINB7</i>	megsin
		<i>SERPINB8</i>	PI8, CAP2
		<i>SERPINB8P1</i>	
		<i>SERPINB9</i>	PI9, CAP3
		<i>SERPINB10</i>	PI10, BOMAPIN
		<i>SERPINB11</i>	EPIPIN
		<i>SERPINB12</i>	YUKOPIN
		<i>SERPINB13</i>	PI13, headpin, HUR7, hurpin
Antithrombin	C	<i>SERPINC1</i>	AT3, ATIII, antithrombin3

Heparin cofactor	D	<i>SERPIND1</i>	HCFII, HCF2, heparin cofactor II, HLS2
Nexin/Plasminogen activator inhibitor 1	E	<i>SERPINE1</i>	PAI, PLANH1
		<i>SERPINE2</i>	PI7, GDN, "glial-derived nexin 1", nexin, PN1, PNI
		<i>SERPINE3</i>	
Alpha 2 antiplasmin pigment epithelium derived factor	F	<i>SERPINF1</i>	PEDF
		<i>SERPINF2</i>	alpha 2AP, PLI, A2AP, AAP, "alpha-2-antiplasmin", ALPHA-2-PI, "alpha-2-plasmin inhibitor", API
C1 inhibitor	G	<i>SERPING1</i>	C1NH,C1-INH, C1IN, HAE1, HAE2,"plasma protease C1 inhibitor"
Heat shock protein	H	<i>SERPINH1</i>	CBP1, CBP2, colligen, HSP47
Neuroserpin	I	<i>SERPINI1</i>	neuroserpin, PI12
		<i>SERPINI2</i>	pancpin, PI14, TSA2004, MEPI

Biological Function	Ref
inflammation, complement activation, apoptosis	17
apoptosis, alzheimers disease, prohormone conversion, inflammation and complement activation	3,16
kidney function, inflammation and complement activation	18
coagulation, inflammation, complement activation, sperm development	
hormone transport	16
hormone transport	
blood pressure regulation, renal development	19
B cell development	3
inhibition of activated factors Z and XI	3
inhibits kallKrein, unknown role in insulin sensitivity	20, 21
inflammation, complement activation	3
fibrinolysis, elastase inhibitor	3
inhibition of cathepsins, tumor promotion	32
inhibition of cathepsins and chymase	33
tumor cell invasion, angiogenesis	3
cathepsin inhibitor	34
renal development, mesangial cell proliferation	35
uncharacterized	3
hematapoetic and myeloid development	35
uncharacterized	36
trypsin inhibition	37
coagulation, angiogenesis	38

coagulation	40
angiogenesis, fibrinolysis	3
neurotrophic factor	41
neurotrophic factor, angiogenesis	16
fibrinolysis	3
microbial infection	42
chaperone	43
neurotrophic factor	46
tumor cell invasion	47