

Native Human Plasma AntiThrombin III

Cat. No. SERPINC1-8032H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human Plasma AntiThrombin III was purified from Human Plasma.
Species	Human
Source	Human Plasma
Description	Human Antithrombin III is a small molecule that inactivates several enzymes of the coagulation system. Human Antithrombin is a glycoprotein produced by the liver. Antithrombin is officially called antithrombin III and is a member of a larger family of antithrombins (numbered I, II etc. to VI), all of which are serpins. Only Human Antithrombin III (AT III, and possibly AT I) is medically significant, with Human Antithrombin AT III generally referred to as antithrombin
Form	Lyophilized
Purity	>96% SDS-PAGE
Stability	2 years
Storage	-20 °C

GENE INFORMATION

Gene Name	SERPINC1 serpin peptidase inhibitor, clade C (antithrombin), member 1 [Homo sapiens]
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Official Symbol	SERPINC1
Synonyms	SERPINC1; serpin peptidase inhibitor, clade C (antithrombin), member 1; AT3, serine (or cysteine) proteinase inhibitor, clade C (antithrombin), member 1; antithrombin-III; antithrombin (aa 375 432); antithrombin III; ATIII; coding sequence signal peptide
Gene ID	462
mRNA Refseq	NM_000488
Protein Refseq	NP_000479
MIM	107300
UniProt ID	P01008
Chromosome Location	1q23-q25.1
Pathway	Common Pathway, organism-specific biosystem; Complement and Coagulation Cascades, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem; Formation of Fibrin Clot (Clotting Cascade), organism-specific biosystem; Glypican 1 network, organism-specific biosystem; Hemostasis, organism-specific biosystem;
Function	heparin binding; peptidase inhibitor activity; protease binding; protein binding; serine-type endopeptidase inhibitor activity; serine-type endopeptidase inhibitor activity; serine-type endopeptidase inhibitor activity;

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