

Recombinant Human SERPINC1, GST-tagged

Cat. No. SERPINC1-2598H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SERPINC1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-259aa
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	SERPINC1 serpin peptidase inhibitor, clade C (antithrombin), member 1 [Homo sapiens]
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

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antithrombin part 1; MGC22579; signal peptide antithrombin part 1; serpin C1; serine-cysteine proteinase inhibitor clade C member 1; serine (or cysteine) proteinase inhibitor, clade C (antithrombin), member 1; AT3; AT3D; THPH7;

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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