

SERPINC1 抗原（重组蛋白）

中文名称：SERPINC1 抗原（重组蛋白）

英文名称：SERPINC1 Antigen (Recombinant Protein)

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 15-259 amino acids of human SERPINC1

技术规格

Full name:	serpin peptidase inhibitor, clade C (antithrombin), member 1
Synonyms:	AT3, AT3D, ATIII, THPH7
Swissprot:	P01008
Gene Accession:	BC022309
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	The protein encoded by this gene is a plasma protease inhibitor and a member of the serpin superfamily. This protein inhibits thrombin as well as other activated serine proteases of the coagulation system, and it regulates the blood coagulation cascade. The protein includes two functional domains: the heparin binding-domain at the N-terminus of the mature protein, and the reactive site domain at the C-terminus. The inhibitory activity is enhanced by the presence of heparin. More than 120 mutations have been identified for this gene, many of which are known to cause antithrombin-III deficiency.