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Datasheet

SERPINC1 (Human) Native Protein

Catalog Number: P4952

Regulation Status: For research use only (RUO)

Product Description: Human SERPINC1 native protein from human plasma.

Host: Human

Theoretical MW (kDa): 58

Applications: SDS-PAGE
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Liquid

Preparation Method: Native protein purified from human plasma

Purification: Multi-step chromatography

Concentration: 8.3 mg/mL

Purity: > 98% by SDS-PAGE

Storage Buffer: In 0.05 M Tris-HCl, 0.1 M NaCl, pH 7.4

Storage Instruction: Store at -80°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 462

Gene Symbol: SERPINC1

Gene Alias: AT3, ATIII, MGC22579

Gene Summary: 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. [provided by RefSeq]