

Datasheet for ABIN934821 **SERPINC1 Protein**



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Overview

Quantity: 1 mg

Target: SERPINC1

Origin: Human

Source: Human

Protein Type: Native

Product Details

Characteristics: Purified native Human Antithrombin III protein
Protein Source: Human serum/plasma

Purity: > 98 % pure

Target Details

Target: SERPINC1

Alternative Name: Antithrombin III ([SERPINC1 Products](#))

Background: Antithrombin III (ATIII) is a single chain glycoprotein with a molecular weight of 58 kDa. It is a member of the serpin (serine protease inhibitor) super family and is considered to be the most important inhibitor in the coagulation cascade. ATIII inhibits a wide spectrum of serine proteases including thrombin, factors IXa, Xa and XIa, kallikrein, plasmin, urokinase, C1-esterase, and trypsin.

Description: Human serum/plasma.

Alternative Names: ATIII protein

Molecular Weight: 58 kDa

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Supplied as a liquid with 50 % Glycerol/H₂O (vol/vol).

Precaution of Use: Donor samples were tested and found to be negative for anti-HIV-1/2, HIV-1 antigen(s), HBsAg, STS, anti-HCV, anti-HBcore and anti-HTLV I & II. Nonetheless caution should be used when handling this material as there is a margin of error in all tests.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: -20 °C

Storage Comment: Aliquot and store at -20 °C.
