

Antithrombin Protein | SERPINC1 protein

Human Antithrombin

CATALOG #
AAA71838

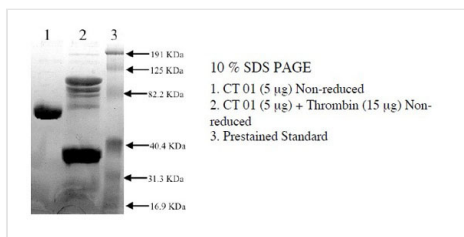
PRODUCT SYNONYMS

Antithrombin; Human Antithrombin; SERPINC1 protein

PRODUCT SPECIFICATIONS

Purity/Purification	This preparation is >95% pure as determined by SDS-PAGE.
Form/Format	0.05M NaPO ₄ ; 0.1 M NaCl; 1mM EDTA; pH7.4
Concentration	1.38 mg/mL determined spectrophotometrically. (varies by lot)
Sequence Length	464
Procedural Notes	This product is 98% active as determined by Thrombin titration.
Preparation	This prep is prepared from fresh plasma using multi-step chromatographic methods
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Ships on dry ice. Store at -80 degree C. Avoid Repeated freeze thaw cycles.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for SERPINC1 protein	Description: Antithrombin is a single chain glycoprotein which acts as the primary inhibitor of thrombin and factor Xa.
References	Olson, ST et al. Methods in Enzymology (Lorand & Mann) Vol. 222, 1993.

NCBI AND UNIPROT INFORMATION

NCBI GI #	28907
NCBI GeneID	462
UniProt Accession #	P01008; P78439; P78447; Q13815; Q5TC78; Q7KZ43; Q7KZ97; Q9UC78; B2R6P0
Molecular Weight	58 kDa
NCBI Official Full Name	antithrombin

NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade C (antithrombin), member 1
NCBI Official Symbol	SERPINC1
NCBI Official Synonym Symbols	AT3; AT3D; ATIII; THPH7
NCBI Protein Information	antithrombin-III; serine (or cysteine) proteinase inhibitor, clade C (antithrombin), member 1
UniProt Protein Name	Antithrombin-III
UniProt Gene Name	SERPINC1
UniProt Synonym Gene Names	AT3; ATIII
UniProt Entry Name	ANT3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/protein/antithrombin/71838>