

Product Data Sheet

Recombinant Human Antithrombin-III Protein

Catalog #	Source	Reactivity	Applications
CST2228	E. coli	H	
Description	Recombinant Human Antithrombin-III Protein is produced by E. coli expression system and the target gene encoding Val301-Glu410 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	SERPINC1		
Alternative Names	AT3; Antithrombin-III; ATIII; Serpin C1		
Entrez Gene	462		
SwissProt	P01008		
Purity			
Chemical Structure	VLELPFKGDD ITMVLILPKP EKSLAKVEKE LTPEVLQEWL DELEEMMLVV HMPRFRIEDG FSLKEQLQDM GLVDLFSPEK SKLPGIVAEG RDDLYVSDAF HKAFLEVNEE		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

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order@cohesionbio.com

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