

RPC313Hu01 50µg

Recombinant Antithrombin (AT)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: His33~Lys464

Tags: N-terminal His Tag

Subcellular Location: Secreted, Extracellular matrix

Purity: > 97%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 250µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 6.2

Predicted Molecular Mass: 50.3kDa

Accurate Molecular Mass: 50kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

			HGSPVDIC	TAKPRDIPMN
PMCIYRSPEK	KATEDEGSEQ	KIPEATNRRV	WELSKANSRF	ATTFYQHLAD
SKNDNDNIFL	SPLSISTAFA	MTKLGACNDT	LQQLMEVFKF	DTISEKTSQ
IHFFFAKLNC	RLYRKANKSS	KLVSANRLFG	DKSLTFNETY	QDISELVYGA
KLQPLDFKEN	AEQSRAAINK	WVSNKTEGRI	TDVIPSEAIN	ELTVLVLVNT
IYFKGLWWSK	FSPENTRKEL	FYKADGESCS	ASMMYQEGKF	RYRRVAEGTQ
VLELPFKGDD	ITMVLILPKP	EKSLAKVEKE	LTPEVLQEWL	DELEEMMLVV
HMPRFRIEDG	FSLKEQLQDM	GLVDLFSPEK	SKLPGIVAEG	RDDLYVSDAF
HKAFLEVNEE	GSEAAASTAV	VIAGRSLNPN	RVTFKANRPF	LVFIREVPLN
TIIFMGRVAN	PCVK			

[IDENTIFICATION]

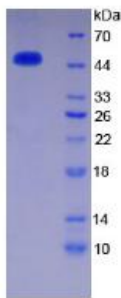


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.