

RPC313Ra02 50µg

Recombinant Antithrombin (AT)

Organism Species: *Rattus norvegicus* (Rat)

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~Asn465

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 95%

Traits: Freeze-dried powder

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

Original Concentration: 300µg/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: 6.0

Predicted Molecular Mass: 52.6kDa

Accurate Molecular Mass: 54kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM 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.

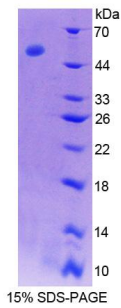
Aliquot and store at -80°C for 12 months.

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]

			HGNPVDDI	CIAKPRDIPV
NPMCIYRSPA	KKATEEDVLE	QKVPEATNRR	VWELSKANSR	FATNFYQHLA
DSKNDNDNIF	LSPLSISTAF	AMTKLGACNN	TLKQLMEVFK	FDTISEKTS
QIHFFFAKLN	CRLYRKANKS	SNLVSANRLF	GDKSLTFNES	YQDVSEIVYG
AKLQPLDFKE	NPEQSRVTIN	NWVANKTEGR	IKDVIPQGAI	DELTAALVLVN
TIYFKGLWKS	KFSPENTRKE	PFHKVDGQSC	LVPMMYQEGK	FKYRRVGEET
QVLEMPFKGD	DITMVLILPK	PEKSLAKVEQ	ELTPELLQEW	LDELSEVMLV
VHVPRFRIED	SFSLKEQLQD	MGLVDLFSPE	KSQLPGIIAE	GRDDLFSVSDA
FHKAFLEVNE	EGSEAAASTS	VVITGRSLNP	SRVTFKANRP	FLVLIREVAL
NTIIFMGRVS	NPCVN			

[IDENTIFICATION]



[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.