

Recombinant Antithrombin (AT) Instruction Manual

SIPC362Ra02

Rattus norvegicus (Rat)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	52.6kDa
Accurate Molecular Mass	54kDa(Analysis of differences refer to the manual)
Residues & Tags	His33~Asn465 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	6.0
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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                                HGMPVDDI CIAKPRDIPV
NPMCIYRSPA KKATEEDVLE QKVPEATNRR VWELSKANSR FATNFYQHLLA
DSKNDNDNIF LSPLSISTAF AMTKLGACNN TLKQLMEVFK FDTISEKTS
QIHFFFAKLN CRLYRKANKS SNLVSANRLF GDKSLTFNES YQDVSEIVYG
AKLQPLDFKE NPEQSRVTIN NNVANKTEGR IKDVIPQGAI DELTALVLVN
TIYFKGLWKS KFSPENTRKE PFHKVDGQSC LVPMMYQEGK FKYRRVGEGT
QVLEMPFKGD DITMVLILPK PEKSLAKVEQ ELTPELLQEW LDELSEVMLV
VHVPRFRIED SFSLKEQLQD MGLVDLFSPE KSQLPGIAE GRDDLFSVSDA
FHKAFLEVNE EGSEAAASTS VVITGRSLNP SRVTFKANRP FLVLIREVAL
NTIIFMGRVS NPCVN
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USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

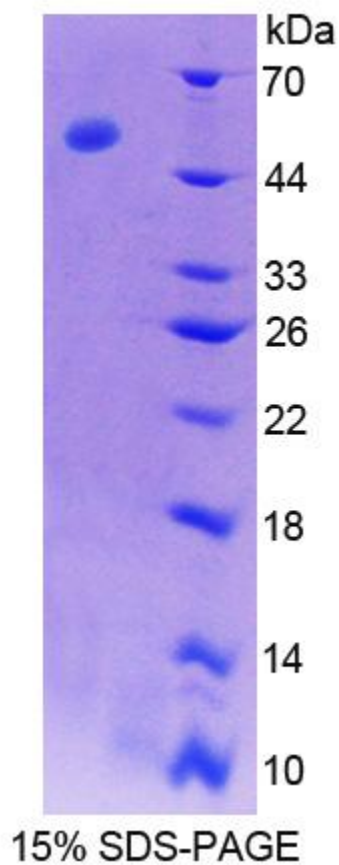
STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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.

Image



SDS-PAGE Image

[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.