

Recombinant Antithrombin (AT) Instruction Manual

SIPC362Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	50.4kDa
Accurate Molecular Mass	50kDa(Analysis of differences refer to the manual)
Residues & Tags	His33~Asn465 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	6.2
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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                                HGNPVDDI CIAKPRDIPV
NPLCIYRSPG KKATEEDGSE QKVPEATNRR VWELSKANSR FATNFYQHLLA
DSKNDNDNIF LSPLSISTAF AMTKLGACND TLKQLMEVFK FDTISEKTS
QIHFFFAKLN CRLYRKANKS SDLVSANRLF GDKSLTFNES YQDVSEVVYG
AKLQPLDFKE NPEQSRVTIN NwVANKTEGR IKDVIPQGAI NLTALVLVN
TIYFKGLWKS KFSPENTRKE PFYKVDGQSC PVPMMYQEGK FKYRRAEGT
QVLELPPFKGD DITMVLILPK PEKSLAKVEQ ELTPPELLQEW LDELSETMLV
VHMPrFRTEd GfSLKEQLQD MGLIDLfSPE KSQLPGIVAG GRDDLYVSDA
FHKAfLEVNE EGSEAAASTS VVITGRSLNP NRVTfKANRP FLVLIREVAL
NTIIFMGRVA NPCVN
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USAGE

Reconstitute in ddH₂O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

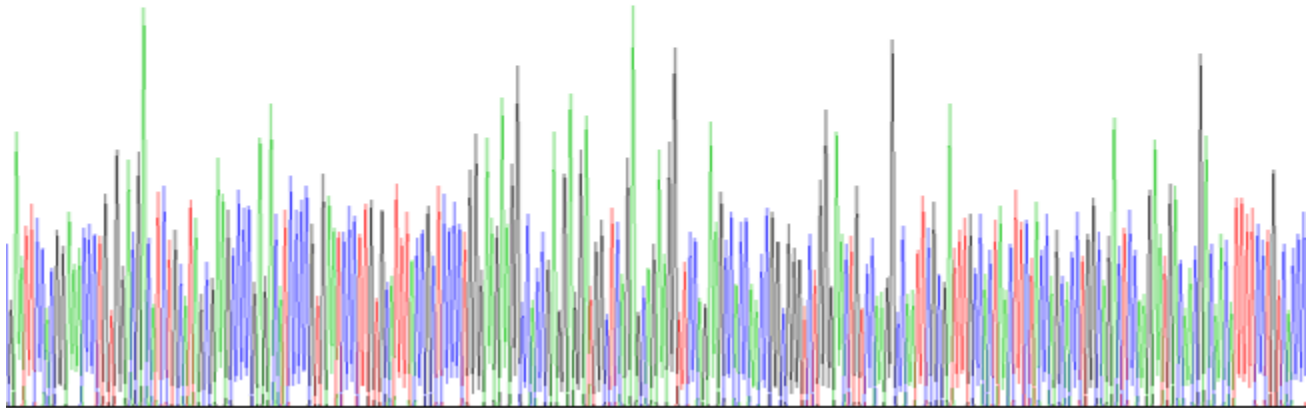
STORAGE

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.

