

Recombinant Angiotensinogen (AGT) Instruction Manual

SIPA179Mu01

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	56.4kDa
Accurate Molecular Mass	55kDa(Analysis of differences refer to the manual)
Residues & Tags	Ala23~Val477 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	5.4
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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AGDRVYIH PFHLLYHNKS TCAQLENPSV
ETLPESTFEP VPIQAKTSPV NEKTLHDQLV LAAEKLEDED RKRAAQVAMI
ANFVGFRMYK MLNEAGSGAS GAILSPPALF GTLVSFYLGSLDPTASQLQT
LLDVPVKEGD CTSRLDGHKV LAALRAVQGL LVTQGGSSSQ TPLLQSIMVG
LFTAPGFRLK HSFVQSLALF TPALFPRSLD LSTDPVLATE KINRFIKAVT
GWKMNPLEG VSTDSTLLFN TYVHFQGTMR GFSQLPGVHE FWDNSISVS
VPMISGTGNF QHWSDAQNNF SVTCVPLGER ATLLLIQPHC TSDLDRVEAL
IFRNDLLTWI ENPPRAIRL TLPQLEIRGS YNLQDLLAED KLPTLLGAEA
NLSNIGDTNP RVGEVLNSIL LELKAGEEEQ PTTSVQQPGS PEALDVTLS
PFLFAIYEQD SGTLHFLGRV NNPQSVV
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USAGE

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

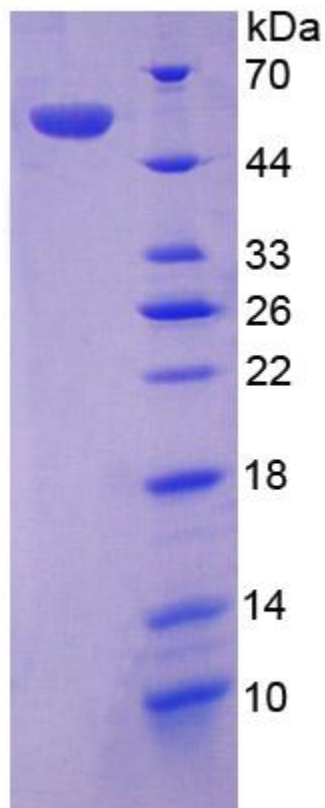
STORAGE

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



15% SDS-PAGE

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.