

EPA797Ra61 100ug

Eukaryotic Angiotensinogen (AGT)

Organism Species: Rattus norvegicus (Rat)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

11th Edition (Revised in May, 2016)

[PROPERTIES]

Source: Eukaryotic expression.

Host: 293F cell

Residues: Asp25~Val477

Tags: N-terminal His Tag

Homology: Human 64%, mouse 87%

Tissue Specificity: Liver.

Subcellular Location: Secreted.

Purity: >98%

Endotoxin Level: <1.0EU per 1µg (determined by the LAL method).

Traits: Freeze-dried powder

Buffer Formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 5%Trehalose and Proclin300.

Original Concentration: 200ug/mL

Applications: SDS-PAGE; WB; ELISA; IP; CoIP; EMSA; Reporter Assays; Purification; Amine Reactive Labeling.

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

Predicted isoelectric point: 5.3

Predicted Molecular Mass: 51.2kDa

Accurate Molecular Mass: 60kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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]

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DRVYIH PFHLLYYSKS TCAQLENPSV
ETLPEPTFEP VPIQAKTSPV DEKTLRDKLV LATEKLEAED RQRAAQVAMI
ANFMGFRMYK MLSEARGVAS GAVLSPPALF GTLVSFYLGS LDPTASQLQV
LLGVPVKEGD CTSRLDGHKV LTALQAVQGL LVTQGGSSSQ TPLLQSTVVG
LFTAPGLRLK QPFVESLGP FTPAIFPRSLD LSTDVPLAAQ KINRFVQAVT
GWKMNPLEG VSTDSTLFFN TYVHFQGKMR GFSQLTGLHE FWVDNSTSVS
VPMLSGTGNF QHWSDAQNNF SVTRVPLGES VTLLLIQPQC ASDLDRVEVL
VFQHDFTWI KNPPPRAIRL TLPQLEIRGS YNLQDLAQA KLSTLLGAEA
NLGKMGD TNP RVGEVLNSIL LELQAGEEEQ PTESAQQPGS PEVL DVTLSS
PFLFAIYERD SGALHFLGRV DNPQNVV
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[IDENTIFICATION]

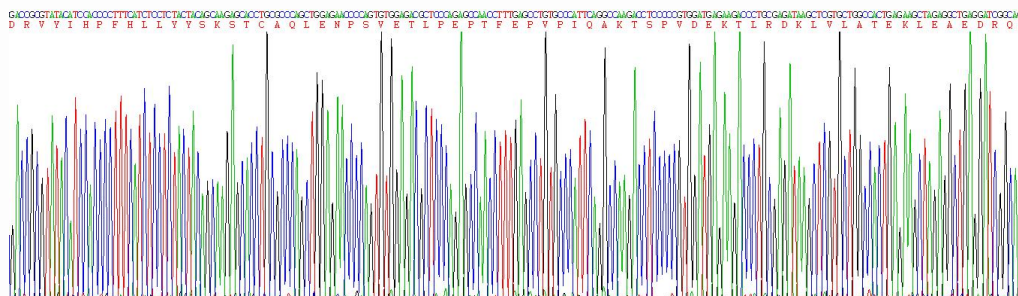


Figure 1. Gene Sequencing (extract)

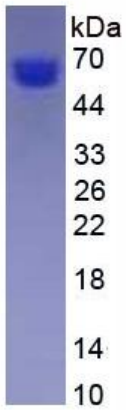


Figure 2. SDS-PAGE