

Eukaryotic Angiotensinogen (AGT) Instruction Manual

SFPA179Hu61

Homo sapiens (Human)

Source	Eukaryotic expression
Host	293F Cell
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	51.4kDa
Accurate Molecular Mass	50kDa(Analysis of differences refer to the manual)
Residues & Tags	Asp34~Ala485 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	> 95%
Isoelectric Point	5.6
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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DRVYIHP FHLVIHNEST  
CEQLAKANAG KPKDPTFIPA PIQAKTSPVD EKALQDQLVL VAAKLDTEDEK  
LRAAMVGMLA NFLGFRIYGM HSELWGVVHG ATVLSPTAVF GTLASLYLGA  
LDHTADRLQA ILGVPWKDKN CTSRLDAHKV LSALQAVQGL LVAQGRADSQ  
AQLLLSTVVG VFTAPGLHLK QPFVQGLALY TPVVLPRSLD FTELDVAEEK  
IDRFMQAVTG WKTGCSLMGA SVDSTLAFNT YVHFQGMKG FSLLAEPQEF  
WVDNSTSVSV PMLSGMGTFQ HWSDIQDNFS VTQVPFTESA CLLLIQPHYA  
SDLDKVEGLT FQQNSLNWMK KLSPRTIHLT MPQLVLQGSY DLQDLLAQAE  
LPAILHTELN LQKLSNDRIR VGEVLNSIFF ELEADEREPT ESTQQLNKPE  
VLEVTLNRPF LFAVYDQSAT ALHFLGRVAN PLSTA
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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

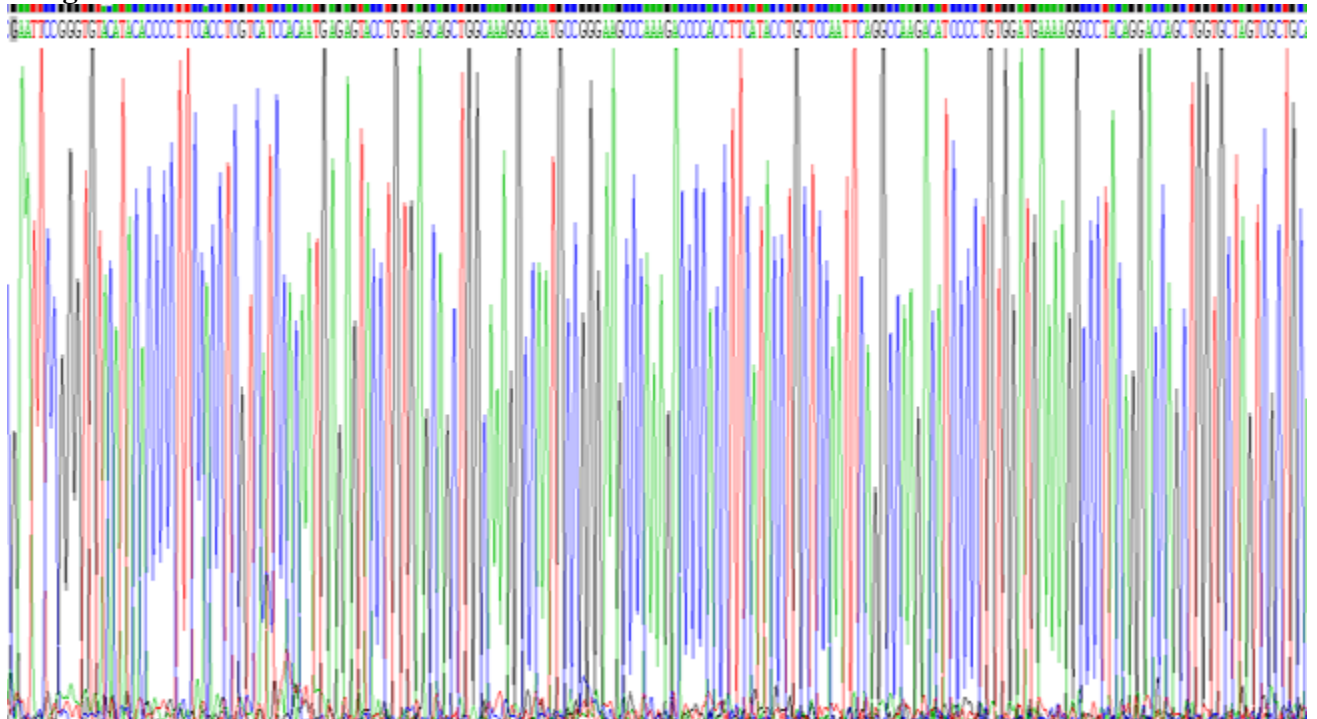


Figure. SDS-PAGE

[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.

