Eukaryotic Angiotensinogen (AGT) Instruction Manual

SFPA179Mu61

Mus musculus (Mouse)

Source	Eukaryotic expression			
Host	293F cell			
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)			
Subcellular Location	Secreted			
Predicted Molecular Mass	51.2kDa			
Accurate Molecular Mass	65kDa(Analysis of differences refer to the manual)			
Residues & Tags	Asp25~Val477 with N-terminal His Tag			
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.			
Traits	Freeze-dried powder			
Purity	> 97%			
Isoelectric Point	5.0			
Applications	Positive Control; Immunogen; SDS-PAGE; WB.			

SEQUENCE

		DRVYIH	PFHLLYHNKS	TCAQLENPSV
ETLPESTFEP	VPIQAKTSPV	NEKTLHDQLV	LAAEKLEDED	RKRAAQVAMI
ANFVGFRMYK	MLNEAGSGAS	GAILSPPALF	GTLVSFYLGS	LDPTASQLQT
LLDVPVKEGD	CTSRLDGHKV	LAALRAVQGL	LVTQGGSSSQ	TPLLQSIMVG
LFTAPGFRLK	HSFVQSLALF	TPALFPRSLD	LSTDPVLATE	KINRFIKAVT
GWKMNLPLEG	VSTDSTLLFN	TYVHFQGTMR	GFSQLPGVHE	FWVDNSISVS
VPMISGTGNF	QHWSDAQNNF	SVTCVPLGER	ATLLLIQPHC	TSDLDRVEAL
IFRNDLLTWI	ENPPPRAIRL	TLPQLEIRGS	YNLQDLLAED	KLPTLLGAEA
NLSNIGDTNP	RVGEVLNSIL	LELKAGEEEQ	PTTSVQQPGS	PEALDVTLSS
PFLFAIYEQD	SGTLHFLGRV	NNPQSVV		

USAGE

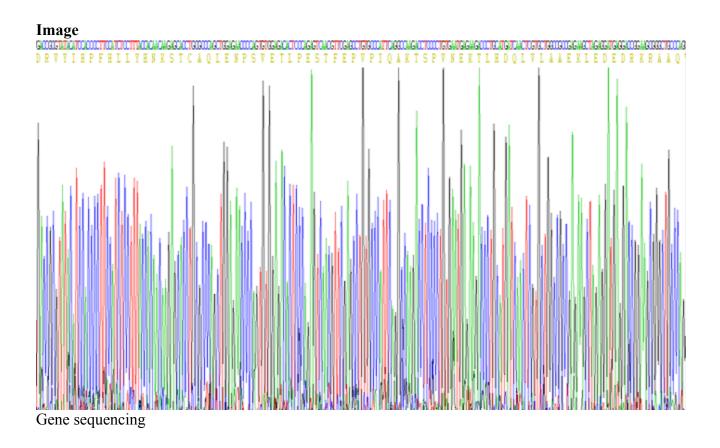
Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

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

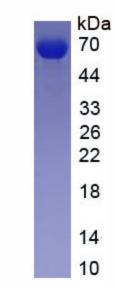


Figure. SDS-PAGE

[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.