

Eukaryotic Renin (REN) Instruction Manual

SFPA631Hu61

Homo sapiens (Human)

Source	Eukaryotic expression
Host	CHO Cell
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	43.9kDa
Accurate Molecular Mass	44kDa(Analysis of differences refer to the manual)
Residues & Tags	Pro25~Arg406 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	> 97%
Isoelectric Point	6.1
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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PTDTTT FKRIFLKRMP SIRESLKERG
VDMARLGPEW SQPMKRLTLG NTTSSVILTN YMDTQYYGEI GIGTPPQTFK
VVFDTGSSNV WVPSSKCSRL YTACVYHKLF DASDSSSYKH NGTELTLRYS
TGTVSGFLSQ DIITVGGITV TQMFGEVTEM PALPFMLAEF DGVVGMGFIE
QAIGRVTPIF DNIISQGVK EDVFSFYNR DSENSQSLGG QIVLGGSDPQ
HYEGNFHYIN LIKTGVWQIQ MKGVS VGSST LLCEDGCLAL VDTGASYISG
STSSIEKLME ALGAKKRLFD YVVKCNEGPT LPDISFHLGG KEYTLTSADY
VFQESYSSKK LCTLAIHAMD IPPPTGPTWA LGATFIRKIFY TEFDRRNRI
GFALAR
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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

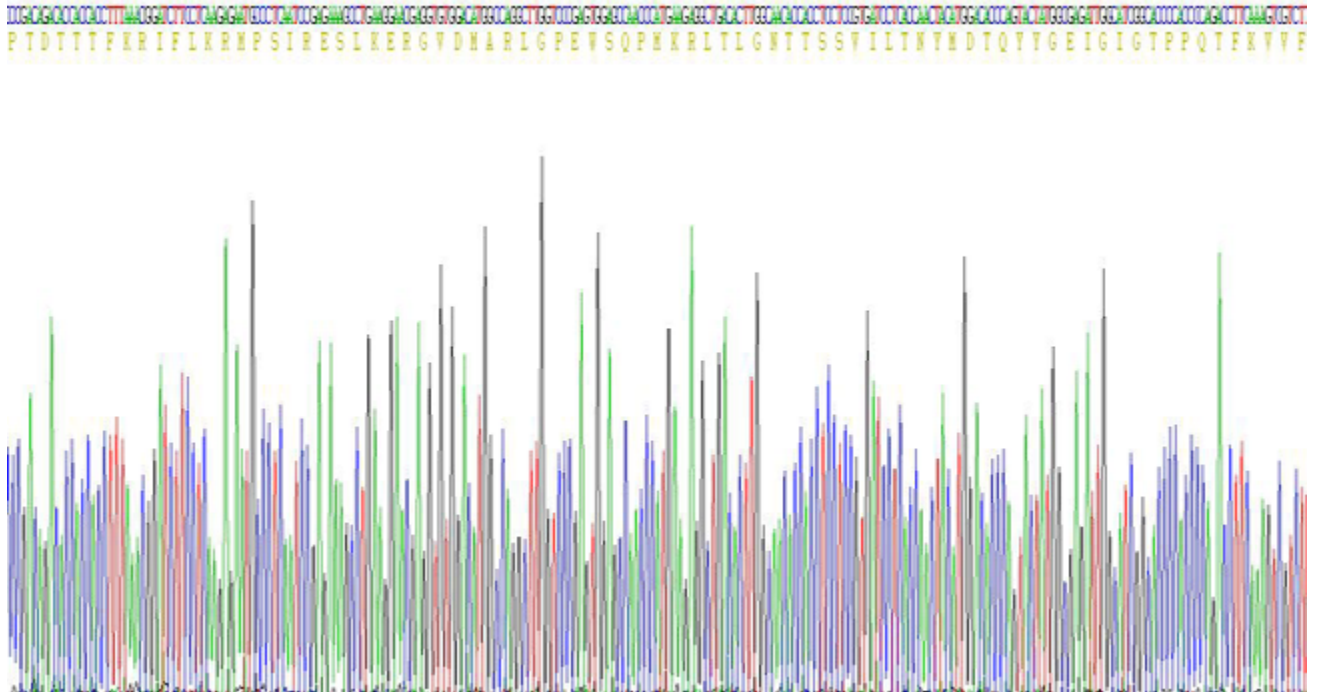


Figure. SDS-PAGE

[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.