

Renin Protein | REN protein

Eukaryotic Renin (REN)

CATALOG # AAA150172	HOST CHO Cell	APPLICATIONS Western Blot, SDS-Page
-------------------------------	-------------------------	---

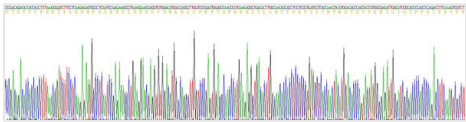
PRODUCT SYNONYMS

Renin; Eukaryotic Renin (REN); angiotensinogenase; REN protein

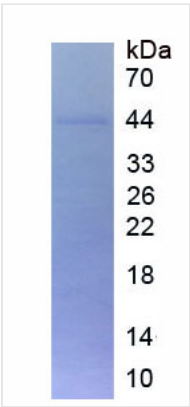
PRODUCT SPECIFICATIONS

Host	CHO Cell
Purity/Purification	>97%
Form/Format	Freeze-dried powder PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Sequence Positions	Leu24~Tyr406
Sequence Length	406
Applicable Applications for REN protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Eukaryotic expression
Species	Human
Tag	N-terminal His Tag
Subcellular Location	Secreted
Isoelectric Point	6.1
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. 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 degree 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.

IMAGES



Gene Sequence
Figure. Gene Sequencing (Extract)



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for REN protein	Endocrinology; Cardiovascular biology; Kidney biomarker; Hormone metabolism
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506475
NCBI GeneID	5972
NCBI Accession #	NP_000528.1
NCBI GenBank Nucleotide #	NP_000528.1
UniProt Accession #	P00797
Molecular Weight	Predicted Molecular Mass: 43.9kDa Accurate Molecular Mass: 44kDa
NCBI Official Full Name	renin preproprotein
NCBI Official Synonym Full Names	renin
NCBI Official Symbol	REN
NCBI Official Synonym Symbols	HNFJ2
NCBI Protein Information	renin
UniProt Protein Name	Renin
UniProt Gene Name	REN
UniProt Entry Name	RENI_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.