Renin (REN) Recombinant Protein | REN recombinant protein

Recombinant Renin (REN)

CATALOG #	HOST	APPLICATIONS
AAA134549	**E Coli**	**Immunoprecipitation, ELISA, Western Blot, SDS-Page**

PRODUCT SYNONYMS

Renin (REN); Recombinant Renin (REN); REN recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHSGSEF-TL LCEEGCMAVV DTGTSYISGP TSSLQLIMQA LGVKEKRANN YVVNCSQVPT LPDISFYLGG RTYTLSNMDY VQKNPFRNDD LCILALQGLD IPPPTGPVWV LGATFIRKFY TEF
Sequence Length	402
Applicable Applications for REN recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Rattus norvegicus (Rat)
Expression System	Prokaryotic expression
Residues	Thr275~Phe389 (Accession # P08424) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. 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 andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES

Application Data

SDS-PAGE

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	148747255
NCBI GeneID	24715
NCBI Accession #	NP_036774.4
NCBI GenBank Nucleotide #	NM_012642.4
UniProt Accession #	P08424; Q63497
Molecular Weight	14.2kDa
NCBI Official Full Name	renin
NCBI Official Synonym Full Names	renin
NCBI Official Symbol	Ren
NCBI Official Synonym Symbols	Ren1; RENAA; RATRENAA
NCBI Protein Information	renin; angiotensinogenase; renin 1 structural
UniProt Protein Name	Renin
UniProt Gene Name	**Ren1**
UniProt Synonym Gene Names	Ren
UniProt Entry Name	RENI_RAT

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.

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Online datasheet: https://stage.aaabiotech.com/ren1-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134549