Recombinant Human Renin/REN Protein

Catalog No.: RP01175

www.abclonal.com

Sequence Information

Species	Gene ID
Human	5972
Swiss Prot	**Tags**
P00797	C-His

Synonyms
REN,Renin, Angiotensinogenase

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE.
Calculated MW	**Observed MW**
43.16 kDa	40-55 kDa

Endotoxin
< 0.1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.

Reconstitution
Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Basic Information

Description
Recombinant Human Renin/REN Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Leu24-Arg406) of human Renin (Accession #NP_000528.1.) fused with a 8×His tag at the C-terminus.

Activity
Measured by its binding ability in a functional ELISA. Immobilized Human REN Protein at 0.5 μg/mL (100 μL/well) can bind Renin Rabbit pAb with a linear range of 1.9-302.7 ng/mL.

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

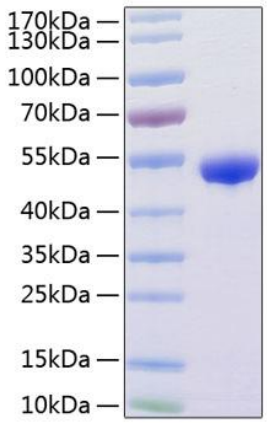
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

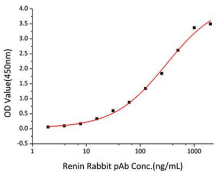
400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Recombinant Human Renin/REN Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Immobilized recombinant Human REN Protein at 0.5 μg/mL (100 μL/well) can bind Renin Rabbit pAb with a linear range of 1.9-302.7ng/mL.