

RP01175

Leader in Biomolecular Solutions for Life Science



Recombinant Human Renin/REN Protein

Catalog No.: RP01175

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	5972	P00797

Tags

C-His

Synonyms

REN;Renin; Angiotensinogenase

Product Information

Source

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 stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Purification

≥ 95 % as determined by SDS-PAGE.

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

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.

Bio-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.

Operational Notes

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

Storage

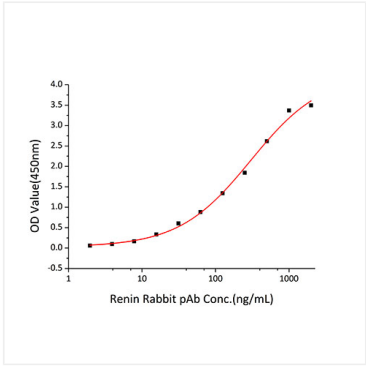
Store at -20°C
Avoid repeated freeze/thaw cycles.

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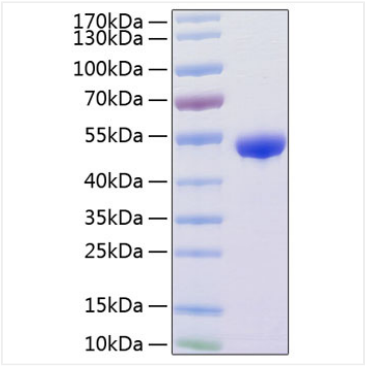
Contact



www.abclonal.com



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



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