

Biotinylated Recombinant Cynomolgus ACE-2 Protein

Catalog No.: RP02267B Recombinant

Sequence Information

Species Gene ID Swiss Prot Cynomolgus 102130864 A0A2K5X283

Tags

C-His&Avi

Synonyms

ACE-2;ACEH;ACE2; ACE2

Product Information

Source Purification HEK293 cells ≥ 95 % as

≥ 95 % as determined by Tris-Bis PAGE;≥ 95 % as determined by HPLC.

Calculated MW Observed MW

86.5 kDa 110-140 kDa

Endotoxin

< 1 EU/µg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μ m filtered solution of PBS, pH 7.4.

Reconstitution

Centrifuge the tube 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.

Contact

<u>a</u>		400-999-6126
\bowtie		cn.market@abclonal.com.cn
•	T	www.abclonal.com.cn

Background

ACE2 (Angiotensin I Converting Enzyme 2) is a Protein Coding gene. Diseases associated with ACE2 include Severe Acute Respiratory Syndrome and Neurogenic Hypertension. The protein encoded by this gene belongs to the angiotensin-converting enzyme family of dipeptidyl carboxydipeptidases and has considerable homology to human angiotensin 1 converting enzyme. This secreted protein catalyzes the cleavage of angiotensin I into angiotensin 1-9, and angiotensin II into the vasodilator angiotensin 1-7.

Basic Information

Description

Biotinylated Recombinant Cynomolgus ACE-2 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Gln18-Val739) of Cynomolgus ACE2 fused with a His tag and Avi tag at the C-terminal.

Bio-Activity

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.

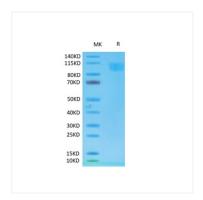
After reconstitution, the protein solution is stable at -20 $^{\circ}$ C for 3 months, at 2-8 $^{\circ}$ C for up to 1 week.

Avoid repeated freeze/thaw cycles.

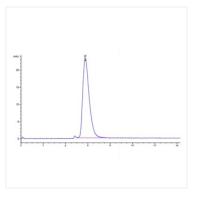
Operational Notes

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

Validation Data



Biotinylated Recombinant Cynomolgus ACE-2 Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Biotinylated Recombinant Cyno ACE2 Protein is greater than 95% as determined by SEC-HPLC.