

Biotinylated Recombinant Cynomolgus ACE-2 Protein

Catalog No.: RP02267B

Sequence Information

Species **Gene ID**
Cynomolgus 102130864

Swiss Prot **Tags**
A0A2K5X283 C-His&Avi

Synonyms
ACE-2, ACEH, ACE2, ACE2

Product Information

Source **Purification**
HEK293 cells ≥ 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 μm 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 stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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 carboxypeptidases 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.

Activity

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°C

Operational Notes

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

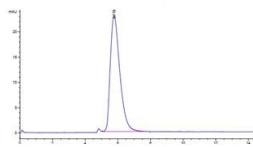
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Validation Data



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



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