Recombinant Cynomolgus ACE-2 Protein

Catalog No.: RP02267

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	95-110 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 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 Cyno Cyno ACE2 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Gln18-Val739) of Cyno Cyno ACE2 fused with a His tag and Avi 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℃

Operational Notes

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

Contact

400-999-6126
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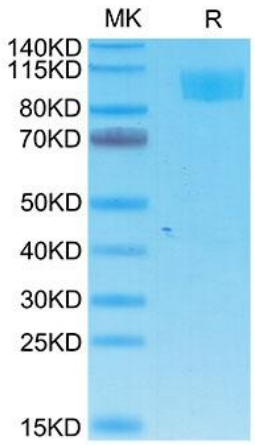
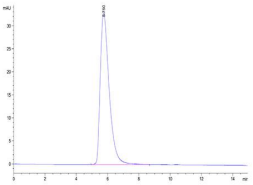
For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

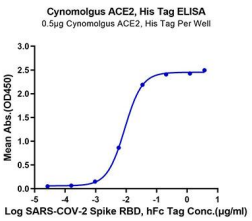
Validation Data



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



The purity of Cynomolgus ACE2 is greater than 95% as determined by SEC-HPLC.



Immobilized Cynomolgus ACE2, His Tag at 5μg/ml (100μl/well) on the plate. Dose response curve for SARS-COV-2 Spike RBD, hFc Tag with the EC_{50} of 8.9ng/ml determined by ELISA.