

# Recombinant Cynomolgus ACE-2 Protein

Catalog No.: RP02267 **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% by Tris-Bis PAGE; > 95% by SEC-HPLC

### 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

### 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.

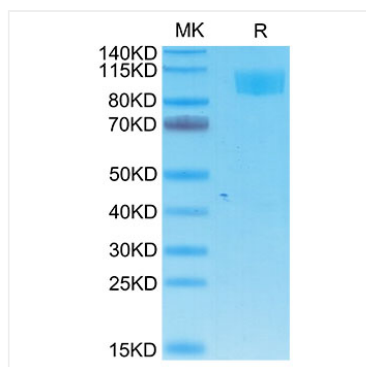
#### Bio-Activity

#### Storage

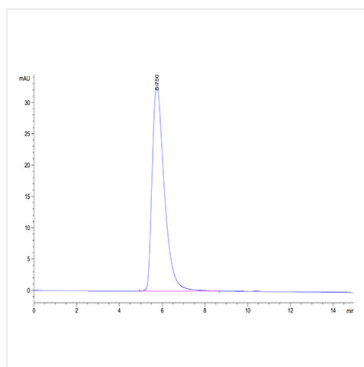
Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

## Contact

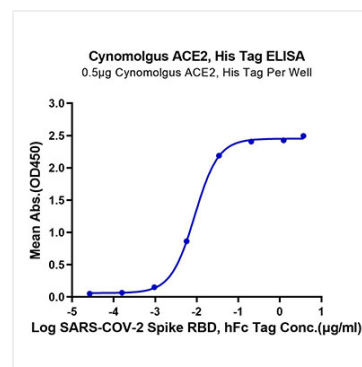
## Validation Data



Cynomolgus ACE2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



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<sub>50</sub> of 8.9ng/ml determined by ELISA.