

# Recombinant Human ACE2 Protein

Catalog No.: RP02270 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	59272	Q9BYF1

### Tags

C-hFc-Avi

### Synonyms

ACE2; ACEH; angiotensin-converting enzyme 2;ACEH

## Product Information

Source	Purification
Expi293	> 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

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

## Background

### Basic Information

#### Description

Recombinant Human ACE2 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Gln18-Ser740) of Human ACE2 fused with hFc tag and Avi tag at the C-terminal.

#### Bio-Activity

Immobilized SARS-COV-2 S1,His Tag at 2μg/ml (100μl/Well). Dose response curve for Human ACE2,hFc Tag with the EC<sub>50</sub> of 78.1ng/ml determined by ELISA.

#### Storage

Store the lyophilized protein at -20°C to -80°C for long term.

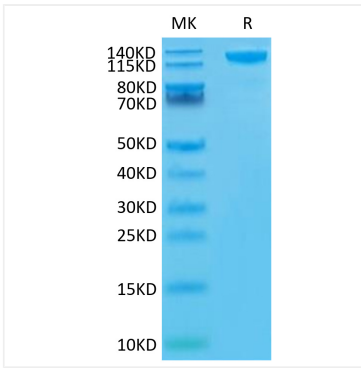
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

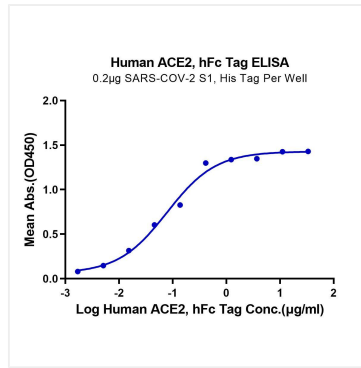
## Contact

 | [www.abclonal.com](http://www.abclonal.com)

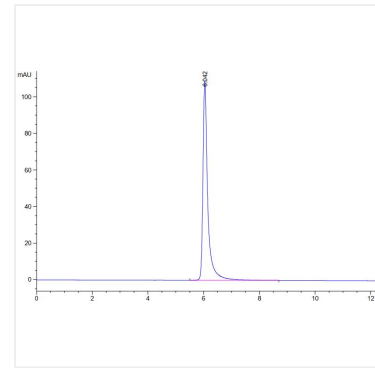
## Validation Data



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



Immobilized SARS-COV-2 S1,His Tag at 2µg/ml (100µl/Well). Dose response curve for Human ACE2,hFc Tag with the EC<sub>50</sub> of 78.1ng/ml determined by ELISA.



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