

Biotinylated Recombinant Human ACE2 Protein

Catalog No.: RP02269 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	59272	Q9BYF1

Tags

C-His-Avi

Synonyms

ACE-2;ACEH;ACE2

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

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

Bio-Activity

Immobilized n-COV RBD at 1ug/ml (100ul/Well). Dose response curve for Biotinylated ACE2 with the EC50 of 0.1ug/ml determined by ELISA.

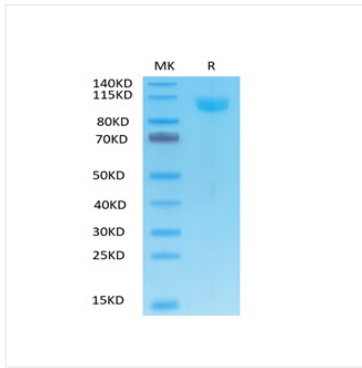
Storage

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.

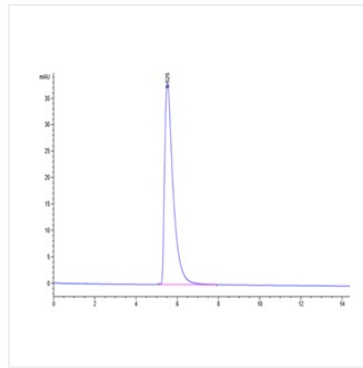
Contact

 | www.abclonal.com

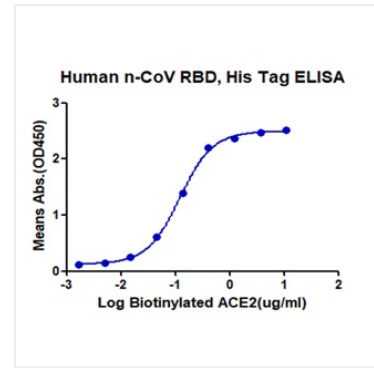
Validation Data



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



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



Immobilized n-CoV RBD at 1ug/ml (100ul/Well). Dose response curve for Biotinylated ACE2 with the EC50 of 0.1ug/ml determined by ELISA.