

RP01275

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Recombinant Human ACE-2 Protein

Catalog No.: RP01275

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	59272	Q9BYF1

Tags

C-hFc

Synonyms

ACE2; ACEH; angiotensin-converting enzyme 2;ACEH

Product Information

Source

Centrifuge the vial 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.

Purification

≥ 95 % as determined by SDS-PAGE.

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. or Supplied as a 0.22 μm filtered solution in PBS, pH 7.4. Contact us for customized product form or formulation.

Background

Basic Information

Description

Recombinant Human ACE2 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gln18-Ser740) of human ACE2 (Accession #Q9BYF1) fused with a Fc tag at the C-terminus.

Bio-Activity

Measured by its binding ability in a functional ELISA. Immobilized SARS-CoV-2 Spike RBD at 1 μg/mL (100 μL/well) can bind Human ACE2 with a linear range of 0.01-2.4 ng/mL.

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.

Operational Notes

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

Storage

Store at -20°C
Avoid repeated freeze/thaw cycles.

Reconstitution

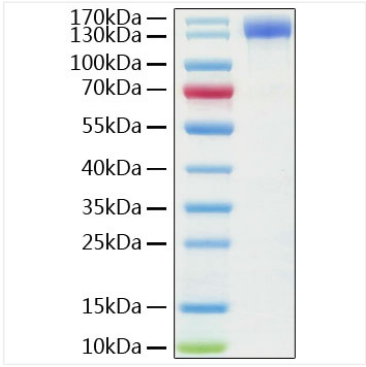
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Contact

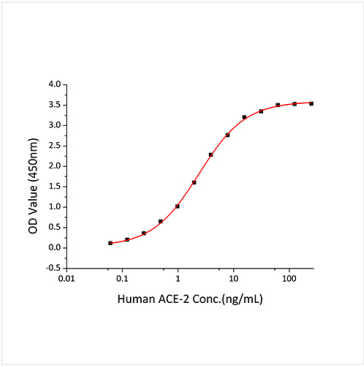


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Validation Data



Recombinant Human ACE-2 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



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