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Biotinylated Recombinant Human ACE-2 Protein

Catalog No.: RP02269 Recombinant 1 Publications

Sequence Information

Species	Gene ID	Swiss Prot
Human	59272	Q9BYF1

Tags
C-His&Avi

Synonyms
ACE2; ACEH; angiotensin-converting enzyme 2;ACEH

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by Tris-Bis PAGE.

Calculated MW	Observed MW

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.

Contact

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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 theC-terminal.

Bio-Activity
Immobilized n-COV RBD at 1 μg/mL (100 μL/Well). Dose response curve for Biotinylated ACE2 with the EC_{50} of 0.1 μg/mL determined by ELISA.

Shipping
The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃.Store the lyophilized protein at -20℃ to -80 ℃ up to 1 year from the date of receipt.
After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ for up to 1 week.
Avoid repeated freeze/thaw cycles.

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

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