

Active Recombinant Human ACE2 protein, His-Avi-tagged, Biotinylated

Cat. No. ACE2-2880H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human ACE2 protein(Gln 18-Ser 611), fused with His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln 18-Ser 611
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized SARS-CoV-2 S protein RBD, His Tag at 1 µg/mL (100 µL/well) can bind Biotinylated Human ACE2, His,Avitag with a linear range of 0.039-0.625 µg/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag™).The protein has a calculated MW of 72.3 kDa. The protein migrates as 90-110 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.>90% as determined by SEC-MALS.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or

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lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

Conjugation

Biotin

GENE INFORMATION

Gene Name

ACE2 angiotensin I converting enzyme (peptidyl-dipeptidase A) 2 [Homo sapiens]

Official Symbol

ACE2

Synonyms

ACE2; angiotensin I converting enzyme (peptidyl-dipeptidase A) 2; angiotensin-converting enzyme 2; metalloprotease MPROT15; ACE-related carboxypeptidase; angiotensin I converting enzyme 2; angiotensin-converting enzyme homolog; ACEH;

Gene ID

59272

mRNA Refseq

NM_021804

Protein Refseq

NP_068576

MIM

300335

UniProt ID

Q9BYF1

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