

Recombinant Human ACE2 protein(Met1-Ser740), hFc-tagged, Biotinylated

Cat. No. ACE2-1368H **Lot. No.** (See product label)

SPECIFICATION

| | |
|--------------------------|---|
| Product Overview | Biotinylated Recombinant Human ACE2(NP_068576.1)(Met 1-Ser 740) was expressed in HEK293 with the fused Fc region of human IgG1 at the C-terminus. |
| Species | Human |
| Source | HEK293 |
| ProteinLength | Met1-Ser740 |
| Conjugation/Label | Biotin |
| Form | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. |
| Molecular Mass | The recombinant Human ACE2 consists of 961 amino acids and predicts a molecular mass of 110.3 kDa. As a result of glycosylation, it migRates as an approximately 127.74 KDa band in SDS-PAGE under reducing conditions. |
| Endotoxin | < 1.0 EU per µg protein as determined by the LAL method. |
| Purity | > 95 % as determined by SDS-PAGE. |
| Storage | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein |

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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