Active Recombinant Human ACE2 protein(Met1-Ser740), His-Avi-tagged, Biotinylated

Cat. No. ACE2-3407H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human ACE2 (NP_068576.1) (Met1-Ser740) was expressed in Insect Cells with a c-terminal polyhistidine tagged AVI tag at the C-terminus.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Ser740
Form	Lyophilized from sterile 20mM PB, 150mM NaCl, pH 7.0, 5% glycerol. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Immobilized 2019-nCoV Spike Protein (RBD, mFc Tag) at 2 μg/mL (100 μL/well) can bind Human ACE2-AVI & His Recombinant Protein, Biotinylated, the EC50 of Human ACE2-AVI & His Recombinant Protein, Biotinylated is 20-40 ng/mL
Molecular Mass	The recombinant human ACE2 consists 749 amino acids and predicts a molecular mass of 86.86 kDa.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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 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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA