

ACE2 active protein

ACE2 (18-615) Protein

CATALOG # AAA73160	HOST CHO cells
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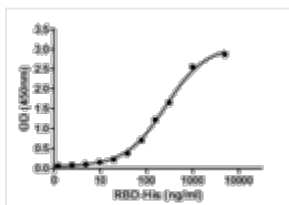
PRODUCT SYNONYMS

ACE2; ACE2 (18-615) Protein; Recombinant human angiotensin-converting enzyme 2 (ACE2) extracellular domain (18-615) was expressed in CHO cells using a C-terminal Fc tag.; ACE2 active protein

PRODUCT SPECIFICATIONS

Host	CHO cells
Sequence Positions	18-615
Sequence Length	3325
Species	Human
Tag	Fc
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



Bioactivity



SDS-PAGE

Sample Purity Data.

ADDITIONAL INFORMATION

Related Product Information for ACE2 active protein	The angiotensin converting enzyme 2 (ACE2) belongs to the angiotensin-converting enzyme family of dipeptidyl carboxydipeptidases (1). ACE2 cleaves the angiotensin I and angiotensin II to counterbalancing ACE activity in the regulation of renin angiotensin system (RAS) (1). ACE2 also has the role in regulation of cardiovascular, renal and reproductive systems physiologically (1). In addition, ACE2 is a functional receptor for the spike glycoprotein (S) of SARS-CoV, HCoV-NL63, and SARS-CoV-2 (2), which causes the pandemic of the respiratory diseases (COVID-19) (3).
Product Categories/Family for ACE2 active protein	Proteins ; COVID-19 Related Products
References	1. Imai Y, et al: Angiotensin-converting enzyme 2 (ACE2) in disease pathogenesis. Circ J. 2007, 74(3):405-10. 2. Lan J, et al: Crystal structure of the 2019-nCov spike receptor-binding domain bound with the ACE2 receptor. 3. Zhou P, et al: A pneumonia outbreak associated with a new coronavirus of probable bat origin. Nature. 2020, 579:270-89.

NCBI AND UNIPROT INFORMATION

NCBI GI #	9802432
NCBI GeneID	59272
Molecular Weight	~130 kDa
NCBI Official Full Name	Homo sapiens ACE-related carboxypeptidase ACE2 mRNA, complete cds
NCBI Official Synonym Full Names	angiotensin I converting enzyme 2
NCBI Official Symbol	ACE2
NCBI Official Synonym Symbols	ACEH
NCBI Protein Information	angiotensin-converting enzyme 2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cho-cells-active-protein/ace2/73160>