

## Recombinant Human ACE2 protein, His-tagged

Cat. No. ACE2-3533H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ACE2 protein(30-356 aa), fused with N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	30-356 aa
<b>Tag</b>	N-His
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
<b>Purity</b>	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
<b>Reconstitution</b>	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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**AA Sequence**

DKFNHEAEDLFYQSSLASWNYNTNITEENVQNMNAGDKWSAFLKEQSTLAQMYP  
 LQEIQNLTVKLQALQQNGSSVLSSEDKSKRLNTILNTMSTIYSTGKVCNPDNPQECL  
 LLEPGLNEIMANSLDYNERLWAWESWRSEVGKQLRPLYEEYVVLKNEMARANHYE  
 DYGDYWRGDYEVNGVDGYDYSRGLIEDVEHTFEEIKPLYEHLHAYVRAKLMNAYP  
 SYISPIGCLPAHLLGDMWGRFWTNLYSLTVPFGQKPNIDVTDAMVDQAWDAQRIFK  
 EAEKFFVSVGLPNMTQGFWENSMLTDPGNVQKAVCHPTAWDLGKGDG

**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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