

## Recombinant Human ACE2 protein, GST-tagged

Cat. No. ACE2-301568H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ACE2 (30-356 aa) protein, fused to GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Asp30-Phe356
<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, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
<b>AA Sequence</b>	DKFNHEAEDLFYQSSLASWNYNTNITEENVQNMNAGDKWSAFLKEQSTLAQMYP LQEIQNLTVKLQLQALQQNGSSVLSKSKRLNTILNTMSTIYSTGKVCNPDNPQECL LLEPGLNEIMANSLDYNERLWAWESWRSEVGKQLRPLYEEYVVLKNEMARANHYE DYGDYWRGDYEVNGVDGYDYSRGLIEDVEHTFEEIKPLYEHLHAYVRAKLMNAYP SYISPIGCLPAHLLGDMWGRFWTNLYSLTVPFGQKPNIDVTDAMVDQAWDAQRIFK EAEKFFVSVGLPNMTQGFWENSMLTDPGNVQKAVCHPTAWDLGKGDF
<b>Purity</b>	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Stability</b>	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks).

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Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

## 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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