

Recombinant Human ACE2 protein, His-tagged

Cat. No. ACE2-2452H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACE2 protein(392-744 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	392-744 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	LRNGANEGFHEAVGEIMSLSAATPKHLKSIGLLSPDFQEDNETEINFLKQALTIVGTL PFTYMLEKWRWMVFKGEIPKDQWMKKWWEMKREIVGVVEPVPHDETYCDPASLF HVSNDYSFIRYYTRTLYQFQFQEALCQAAKHEGPLHKCDISNSTEAGQKLFNMLRLG KSEPWTALENVVGAKNMNVRPLLNYFEPLFTWLKDQNKNSFVGWSTDWSPYADQ SIKVRISLKSALGDKAYEWNNDNEMYLFRSSVAYAMRQYFLKVKNQMILFGEEDVRVA NLKPRISFNFFVTAPKNVSDIIPRTEVEKAIRMSRSRINDAFRLNDNSLEFLGIQPTLGP PNQPPVSIWLI
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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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