

Recombinant Human ACE2 Protein, His-tagged

Cat. No. ACE2-40H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACE2 protein(Gln18-Ser740), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gln18-Ser740
Tag	N-His
Form	Liquid in sterile PBS, pH7.4, 10% Glycerol, 8% Trehalose.
Molecular Mass	The protein has a calculated MW of 87 kDa.
Endotoxin	<1.0EU per 1µg (determined by the LAL method).
Purity	> 85 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	1.0 mg/ml.
Reconstitution	Centrifuge the vial at 4°C before opening to recover the entire contents.

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AA Sequence

MGSSHHHHHHHHSSGLVPRGSHMASMTGGQQMGRGSQSTIEEQAKTFLDKFN
 HEAEDLFYQSSLASWNYNTNITEENVQNMNAGDKWSAFLKEQSTLAQMYPLQEIQ
 NLTVKLQLQALQQNGSSVLSEDKSKRLNTILNTMSTIYSTGKVCNPDNPQECLLLEP
 GLNEIMANSLDYNERLWAWESWRSEVGKQLRPLYEEYVVLKNEMARANHYEDYGD
 YWRGDYEVNGVDGYDYSRGQLIEDVEHTFEEIKPLYEHLHAYVRAKLMNAYPSYISP
 IGCLPAHLLGDMWGRFWTNLYSLTVPGQKPNIDVTDAMVDQAWDAQRFKEAEKF
 FVSVGLPNMTQGFWENSMLTDPGNVQKAVCHPTAWDLGKGDFRILMCTKVTMDDF
 LTAHHEMGHIQYDMAYAAQPFLLRNGANEGFHEAVGEIMSLSAATPKHLKSIGLLSP
 DFQEDNETEINFLKQALTIVGTLPTFTYMLEKWRWMVFKGEIPKDQWMKKWWEMK
 REIVGVVEPVPHDETYCDPASLFHVSNDYSFIRYYTRTLYQFQFQEQALCQAAKHEGP
 LHKCDISNSTEAGQKLFNMLRLGKSEPWTALENVVGAKNMNVRPLLNYFEPLFTW
 LKDQNKNSFVGWSTDWSPYADQSIKVRISLKSALGDKAYEWNNDNEMYLFRSSVAYA
 MRQYFLKVKNQMILFGEEDVRVANLKPRISFNFFVTAPKNVSDIIPRTEVEKAIRMSR
 SRINDAFRLNDNSLEFLGIQPTLGPPNQPPVS

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](#)

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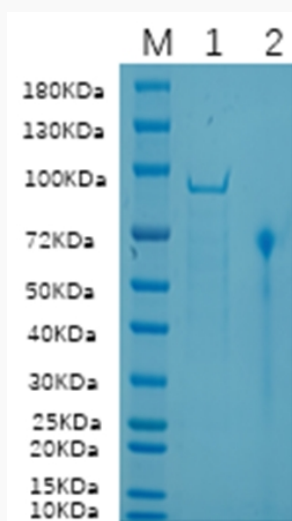
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MIM 300335

UniProt ID Q9BYF1

SDS-PAGE



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