

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
REIVGVVEPVPHDETYCDPASLFHVSNDYSFIRYYTRTLYQFQFQEALCQAAKHEGP
LHKCDISNSTEAGQKLFNMLRLGKSEPWTALENVVGAKNMNVRPLLNYFEPLFTW
LKDQNKNSFVGWSTDWSPYADQSIKVRISLKSALGDKAYEWNNDNMYLFRSSVAYA
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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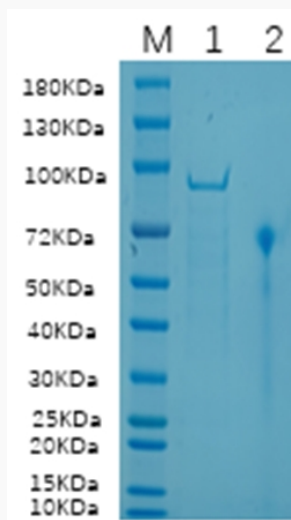
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MIM 300335

UniProt ID Q9BYF1

SDS-PAGE



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