

Recombinant Human ACE2 protein, mFc-tagged

Cat. No. ACE2-2186H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACE2 protein(Q9BYF1-1)(Gln 18 - Ser 740) is expressed from HEK293, fused with a mouse IgG1 Fc tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	18-740 aa
Form	Supplied as 0.2 µm filtered solution in 50 mM Tris, 150 mM NaCl, Arginine, pH7.5 with glycerol as protectant.
Bio-activity	Immobilized SARS-CoV-2 S protein RBD, His Tag at 1 µg/mL (100 µL/well) can bind Human ACE2, Mouse IgG1 Fc Tag with a linear range of 0.4-6 ng/mL.
Molecular Mass	The protein has a calculated MW of 109.8 kDa. The protein migrates as 125-150 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method / rFC method.
Purity	>95% as determined by SDS-PAGE.
Storage	Please avoid repeated freeze-thaw cycles. This product is stable after storage at: The product MUST be stored at -70°C or lower upon receipt; -70°C for 3 months under sterile conditions.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration 0.2-1.0 mg/mL.

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

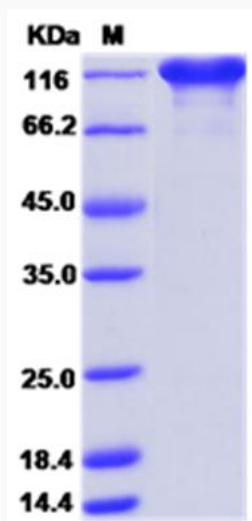
UniProt ID Q9BYF1

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SDS-PAGE



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