Recombinant Human ACE2 protein(Met1-Ser740), hFc-tagged, Biotinylated

Cat. No. ACE2-1368H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human ACE2(NP_068576.1)(Met 1-Ser 740) was expressed in HEK293 with the fused Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Ser740
Conjugation/Label	Biotin
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Human ACE2 consists of 961 amino acids and predicts a molecular mass of 110.3 kDa. As a result of glycosylation, it migRates as an approximately 127.74 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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

	be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin

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

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