

Recombinant Rat ACE2 Protein, Fc-tagged

Cat. No. Ace2-033R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat ACE2 Protein (18-740) was expressed in CHO cells using a C-terminal Fc tag.
Species	Rat
Source	CHO
ProteinLength	18-740
Description	Biased expression in Kidney (RPKM 108.4), Lung (RPKM 75.2) and 5 other tissues.
Molecular Mass	150 kDa
Purity	> 90%
Applications	ELISA
Stability	One year at -70 centigrade from date of shipment.
Storage	Store product at -70 centigrade. For optimal storage, aliquot targets into smaller quantities after centrifugation and store at the recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	1 µg/µL

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

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Storage Buffer Recombinant protein stored in 50 mM Tris-HCl, pH 7.5, 90 mM glycine.

Shipping Dry ice

GENE INFORMATION

Gene Name Ace2 angiotensin I converting enzyme 2 [*Rattus norvegicus* (Norway rat)]

Official Symbol Ace2

Synonyms Ace2; angiotensin I converting enzyme 2; angiotensin-converting enzyme 2; ACE-related carboxypeptidase; angiotensin I converting enzyme (peptidyl-dipeptidase A) 2; anigotensin-converting enzyme-related carboxypeptidase; renal angiotensin-converting enzyme 2; EC 3.4.17.23

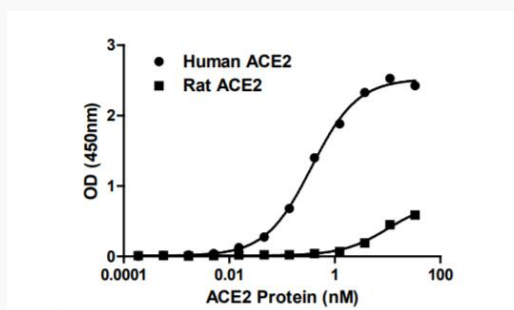
Gene ID 302668

mRNA Refseq NM_001012006

Protein Refseq NP_001012006

UniProt ID Q5EGZ1

Activity



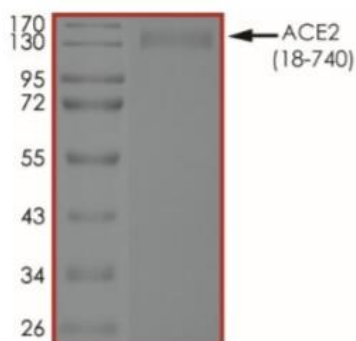
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Binding ability measured in a functional ELISA. Unlike human ACE2, Rat ACE2 (18-740) Protein does not bind well to immobilized 2019-nCoV Spike Protein RBD.

Purity



The purity of Rat ACE2 Protein was determined to be > 90 % by densitometry, approx. MW 150 kDa.