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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ACE2 (Human) Recombinant Protein

Catalog Number: P6663

Regulation Status: For research use only (RUO)

Product Description: Human ACE2 (Q9BYF1, 18 a.a.-740 a.a.) partial recombinant protein with C-terminal His tag expressed in HEK293 cells.

Host: Human

Theoretical MW (kDa): 84.63

Reactivity: Viruses

Applications: Immunogen
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Preparation Method: Mammalian cell (HEK293) expression system

Purification: Affinity purification

Purity: > 95% by SDS-PAGE

Endotoxin Level: < 0.1 ng/ug (1 EU/ug) as determined by LAL test.

Activity: Immobilized ACE2 (Human) Recombinant Protein (Cat # P6663) at 10 ug/mL (100 uL/well) can bind S1 (SARS-CoV-2) RBD Recombinant Protein. The EC50 of S1 (SARS-CoV-2) RBD Recombinant Protein is 62 ng/mL.

Recommend Usage: Immunogen
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.2.

Storage Instruction: Store at 4°C. For long term storage store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 59272

Gene Symbol: ACE2

Gene Alias: ACEH, DKFZp434A014

Gene Summary: The protein encoded by this gene belongs to the angiotensin-converting enzyme family of dipeptidyl carboxydipeptidases and has considerable homology to human angiotensin 1 converting enzyme. This secreted protein catalyzes the cleavage of angiotensin I into angiotensin 1-9, and angiotensin II into the vasodilator angiotensin 1-7. The organ- and cell-specific expression of this gene suggests that it may play a role in the regulation of cardiovascular and renal function, as well as fertility. In addition, the encoded protein is a functional receptor for the spike glycoprotein of the human coronaviruses SARS and HCoV-NL63. [provided by RefSeq]