



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Datasheet

### ACE2 (Human) Recombinant Protein

**Catalog Number:** P6639

**Regulation Status:** For research use only (RUO)

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

**Host:** Human

**Theoretical MW (kDa):** 86.2

**Applications:** SDS-PAGE

(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:** < 1.0 EU/ug of the protein by LAL method.

**Activity:** Measured by its binding ability in a functional ELISA. Immobilized ACE2 (Human) Recombinant Protein at 2 ug/mL (100 uL/well) can bind recombinant 2019-nCoV Spike S1 with a linear range of 1.5-104.5 ng/mL.

**Storage Buffer:** In PBS, pH 7.4.

**Storage Instruction:** Store at -80°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]