



# Recombinant Human ACE2 Protein [hFc] (DAG-WT662)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Conjugate</b>	Fc
<b>Applications</b>	ELISA
<b>Molecular Weight</b>	110 kDa
<b>Format</b>	Lyophilized Powder
<b>Size</b>	50 µg, 1 mg
<b>Buffer</b>	50 mM Tris, 150 mM NaCl, Arginine, pH7.5
<b>Preservative</b>	None
<b>Storage</b>	Store at ≤-20°C

## BACKGROUND

<b>Introduction</b>	Angiotensin-converting enzyme 2 (ACE2) is also known as ACEH (ACE homolog), is an integral membrane protein with considerable homologous to ACE, which belongs to the peptidase M2 family. ACE2 is an exopeptidase that catalyses the conversion of angiotensin I to the nonapeptide angiotensin, or the conversion of angiotensin II to angiotensin 1-7. ACE2 may be an important regulator of heart function. In case of human coronaviruses SARS and HCoV-NL63 infections, ACE-2 serve as functional receptor for the spike glycoprotein of both coronaviruses.
<b>Keywords</b>	ACE2; Angiotensin-converting enzyme 2; SARS

# GENE INFORMATION

UniProt ID

Q9BYF1

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