

## Human ACE2 (ECD) protein, His and Avi tag (active)

## Cat. No. GTX01550-pro

<b>Applications</b>	ELISA, Functional Assay
<b>Species</b>	Human

References ( 3 )

Package

100 µg

## Properties

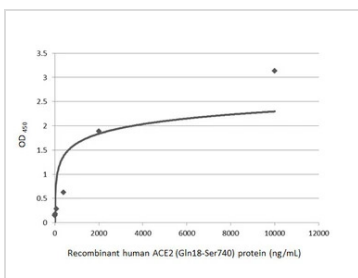
<b>Form</b>	Lyophilized powder
<b>Buffer</b>	Reconstitute with distilled water to 0.1-0.5mg/ml. Lyophilized from 0.22µm-filtered PBS (pH7.4).
<b>Preservative</b>	No preservative
<b>Storage</b>	Store at -20°C or below. After reconstitution, keep as concentrated solution. Avoid freeze-thaw cycles.
<b>Region/Sequence</b>	C-terminal 6×His and Avi tagged; Gln18-Ser740 of human ACE2 (Accession #Q9BYF1)
<b>Expression System</b>	HEK293 cells
<b>Purity</b>	> 95 % by SDS-PAGE
<b>Endotoxin</b>	< 0.1 EU/µg (determined by LAL method)
<b>Conjugation</b>	Unconjugated

## Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

## DATA IMAGES

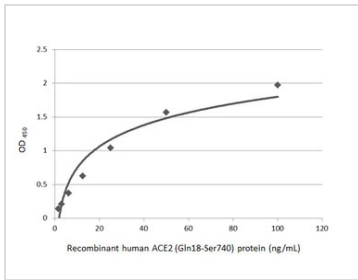


## GTX01550-pro Functional Assay Image

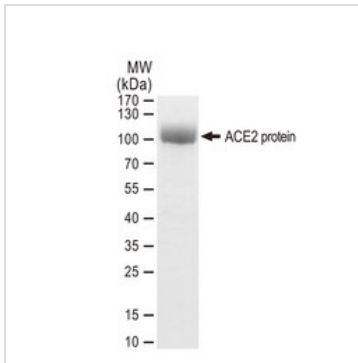
Functional ELISA analysis of immobilized recombinant SARS-CoV-2 (COVID-19) Spike RBD protein, His tag (active) (GTX01546-pro) (coated at 4 µg/mL) binding to soluble recombinant Human ACE2 (ECD) protein, His and Avi tag (GTX01550-pro) (0.64-10,000 ng/mL). Bound protein was detected by ACE2 antibody [N1N2], N-term (GTX101395) (0.1 µg/mL) and Rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) detected bound primary antibody.



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**GTX01550-pro ELISA Image**

Indirect ELISA analysis performed by coating plate with recombinant Human ACE2 (ECD) protein, His and Avi tag protein (GTX01550-pro) (1.56-100 ng/mL). Coated protein probed with ACE2 antibody [N1N2], N-term (GTX101395) (0.1 µg/mL). Rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) detected bound primary antibody.


**GTX01550-pro Image**

SDS-PAGE of GTX01550-pro Human ACE2 (ECD) protein, His and Avi tag.



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