

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

Cat. No. GTx01550-pro

Applications	ELISA, Functional Assay	References (3)
Species	Human	Package 100 µg

Properties

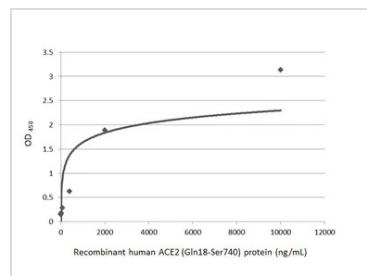
Form	Lyophilized powder
Buffer	Reconstitute with distilled water to 0.1-0.5mg/ml. Lyophilized from 0.22µm-filtered PBS (pH7.4).
Preservative	No preservatives
Storage	Store at -20°C or below. After reconstitution, keep as concentrated solution. Avoid freeze-thaw cycles.
Region/Sequence	C-terminal 6×His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

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

Note

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



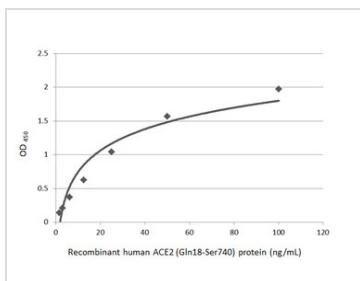
GTx01550-pro Functional Assay Image

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.



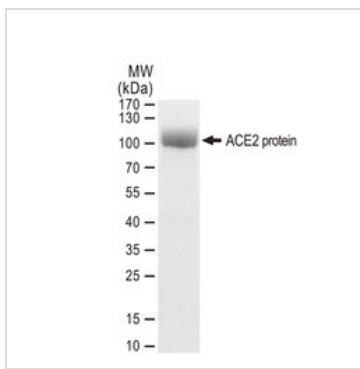
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GTx01550-pro ELISA Image

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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