

# SARS-CoV-2 (COVID-19) Spike RBD Protein, AY.1 / Delta plus variant, His tag (active)

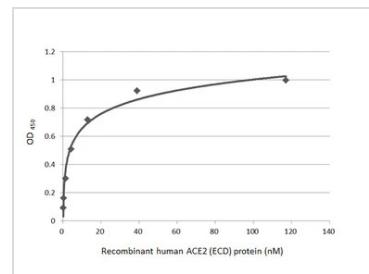
## Cat. No. GTX136333-pro

Applications	Binding Assay, WB	References ( 1 )
Species	SARS Coronavirus 2	Package 100 µg

### Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. For long-term storage after reconstitution, aliquot and store at -70°C or below. Do not vortex.
Concentration	0.7 mg/ml (Please refer to the vial label for the specific concentration.)
Region/Sequence	SARS-CoV-2 Spike RBD of QHD43416.1 (319-541 a.a) with K417N, L452R, and T478K mutations, and His tag at the C-terminus
Expression System	HEK293 cells
Purity	>95%
Conjugation	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



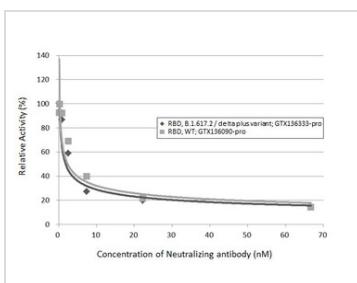
#### GTX136333-pro Binding Assay Image

Functional ELISA analysis of immobilized recombinant SARS-CoV-2 (COVID-19) Spike RBD Protein, AY.1 / Delta plus variant, His tag (GTX136333-pro) (coated at 2 µg/mL) binding to soluble recombinant Human ACE2 (ECD) protein, mouse IgG Fc tag (active) (GTX135683-pro) (0.16-117.19 nM). Bound protein was detected by Goat Anti-Mouse IgG antibody (HRP) (GTX213111-01) (1:10000).



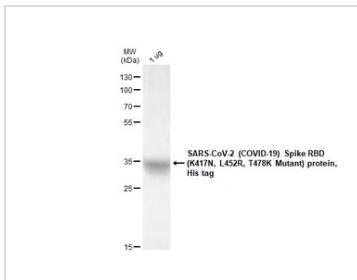
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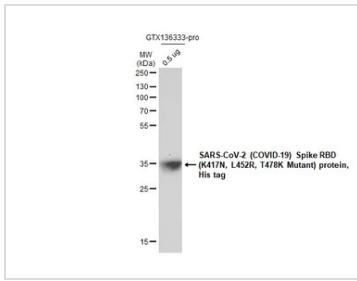
### GTx136333-pro Binding Assay Image

Inhibition analysis of immobilized recombinant SARS-CoV-2 (COVID-19) Spike RBD Protein, AY.1 / Delta plus variant, His tag (delta plus variant) (GTx136333-pro) and SARS-CoV-2 (COVID-19) Spike RBD protein, His tag (active) (wild type) (GTx136090-pro) (coated at 2  $\mu$ g/mL) binding to soluble recombinant Human ACE2 (ECD) protein, mouse IgG Fc tag (active) (GTx135683-pro) (1000 ng/mL) ACE2 binding was inhibited by increasing concentrations of SARS-CoV-2 (COVID-19) Spike RBD antibody [HL1002] (GTx635791) (0.09-66.67 nM). Bound ACE2 was detected by Goat Anti-Mouse IgG antibody (HRP) (GTx213111-01) (1:10000).



### GTx136333-pro Image

1  $\mu$ g of GTx136333-pro SARS-CoV-2 (COVID-19) Spike RBD (K417N, L452R, T478K Mutant) protein, His tag protein was analyzed using SDS-PAGE and stained with coomassie blue and captured by monochrome camera.



### GTx136333-pro WB Image

SARS-CoV-2 (COVID-19) Spike RBD (K417N, L452R, T478K Mutant) protein, His tag protein (GTx136333-pro, 0.5  $\mu$ g) was separated by 12% SDS-PAGE, and the membrane was blotted with SARS-CoV-2 (COVID-19) Spike RBD antibody [HL257] (GTx635692) diluted at 1:5000.



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