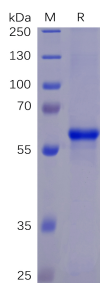


Recombinant SARS-CoV-2 Spike Glycoprotein RBD Protein (Fc Chimera 6xHis Tag) (A318266)

Specifications:

Name:	Recombinant SARS-CoV-2 Spike Glycoprotein RBD Protein (Fc Chimera 6xHis Tag)
Applications:	ELISA, SDS-PAGE
Expression System:	HEK293 cells
Nature:	Recombinant
Protein Species:	SARS-CoV-2
Protein Length:	Protein fragment.
Sequence:	SproteinRBD(Arg319-Phe541)+mFc(Pro99-Lys330)+6xHisTag
Tag:	C-terminal Mouse Fc Tag and 6xHis Tag
Molecular Weight:	The protein has a predicted molecular mass of 52.2 kDa after removal of the signal peptide.
Conjugate:	Unconjugated
Purity:	> 90%, by SDS-PAGE and Coomassie blue staining.
Product Form:	Lyophilized
Concentration:	Reconstitution dependent.
Formulation:	Lyophilized from sterile Phosphate Buffered Saline, pH 7.4. Normally 5%-8% Trehalose is added as a protectant before lyophilization.
Storage:	Shipped at 4°C. Lyophilized: Store at -20°C to -80°C. Reconstituted: Aliquot and store at -80°C. Product is stable for one year. Avoid freeze/thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

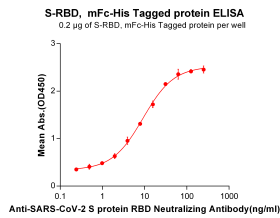
Images:



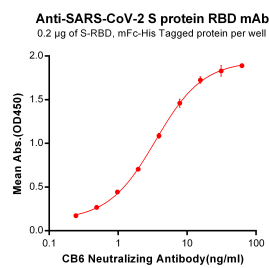
SDS-PAGE of Recombinant SARS-CoV-2 Spike Glycoprotein RBD Protein (Fc Chimera 6xHis Tag) (A318266) under reducing conditions.

Recombinant SARS-CoV-2 Spike Glycoprotein RBD Protein (Fc Chimera 6xHis Tag) (A318266)

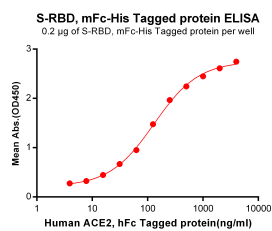
Images continued:



ELISA plates were pre-coated with Recombinant SARS-CoV-2 Spike Glycoprotein RBD Protein (Fc Chimera 6xHis Tag) (A318266) at 2 µg/ml (100 µl/well) which can bind Anti-SARS-CoV-2 S protein RBD Neutralizing Antibody (A neutralizing monoclonal antibody clone currently under clinical investigation from collaboration company) in a linear range of 0.24-9.141 ng/ml.



ELISA plates were pre-coated with Recombinant SARS-CoV-2 Spike Glycoprotein RBD Protein (Fc Chimera 6xHis Tag) (A318266) at 2 µg/ml (100 µl/well) which can bind CB6 Biosimilar - Anti-SARS-CoV-2 Spike Glycoprotein Antibody - BSA and Azide free (A318945) in a linear range of 0.24-15.62 ng/ml.



ELISA plates were pre-coated with Recombinant SARS-CoV-2 Spike Glycoprotein RBD Protein (Fc Chimera 6xHis Tag) (A318266) at 2 µg/ml (100 µl/well) which can bind Recombinant Human ACE2 Protein (Fc Tag) (A318340) in a linear range of 0.488-49.83 ng/ml.