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SARS-COV-2 Spike RBD(L452R,T478K) Recombinant Protein (85-531)

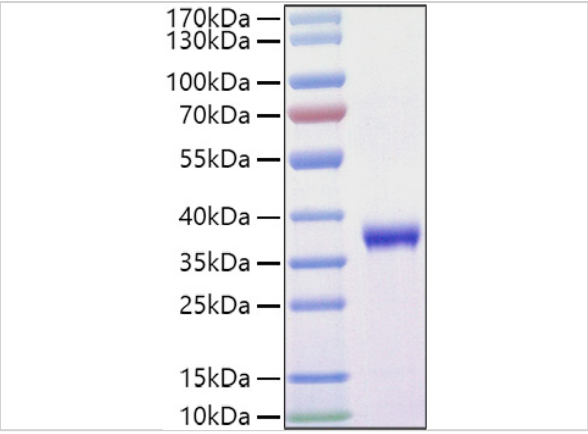
CATALOG NUMBER: 85-531

Specifications

Species	SARS-COV-2
Source Species	HEK293 cells
Fusion Tag	C-His&Avi
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	27.82 kDa
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized SARS-CoV-2 Spike RBD(L452R,T478K)(Avi) at 2μg/mL (100μL/well) can bind Human ACE2 with a linear range of 0.1-14.28 ng/mL.

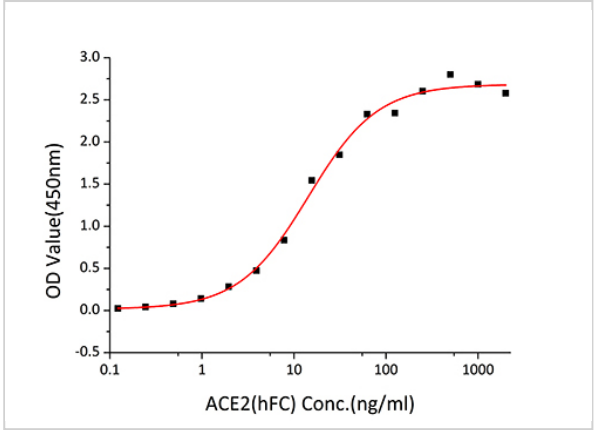
Properties

Purity	≥ 95 % as determined by SDS-PAGE.
Physical State	Lyophilized
Buffer	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.
Storage Conditions	Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.



85-531_1

Recombinant SARS-COV-2 Spike RBD(L452R,T478K) Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



85-531_2

Immobilized SARS-CoV-2 Spike RBD(L452R,T478K)(Avi) at 2μg/mL (100μL/well) can bind Human ACE2 with a linear range of 0.1-14.28 ng/mL.

Disclaimer

Disclaimer	Products are intended for laboratory research purposes only and should be used by qualified personnel only. They are not intended for use in humans. ProSci is not liable for damages or injuries resulting from receipt and/or use of ProSci materials. Please refer to the Material Safety Data Sheet (MSDS) for safe storage, handling, and use procedures.

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