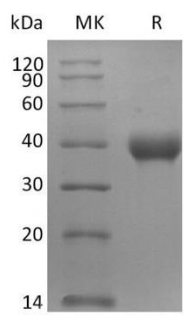


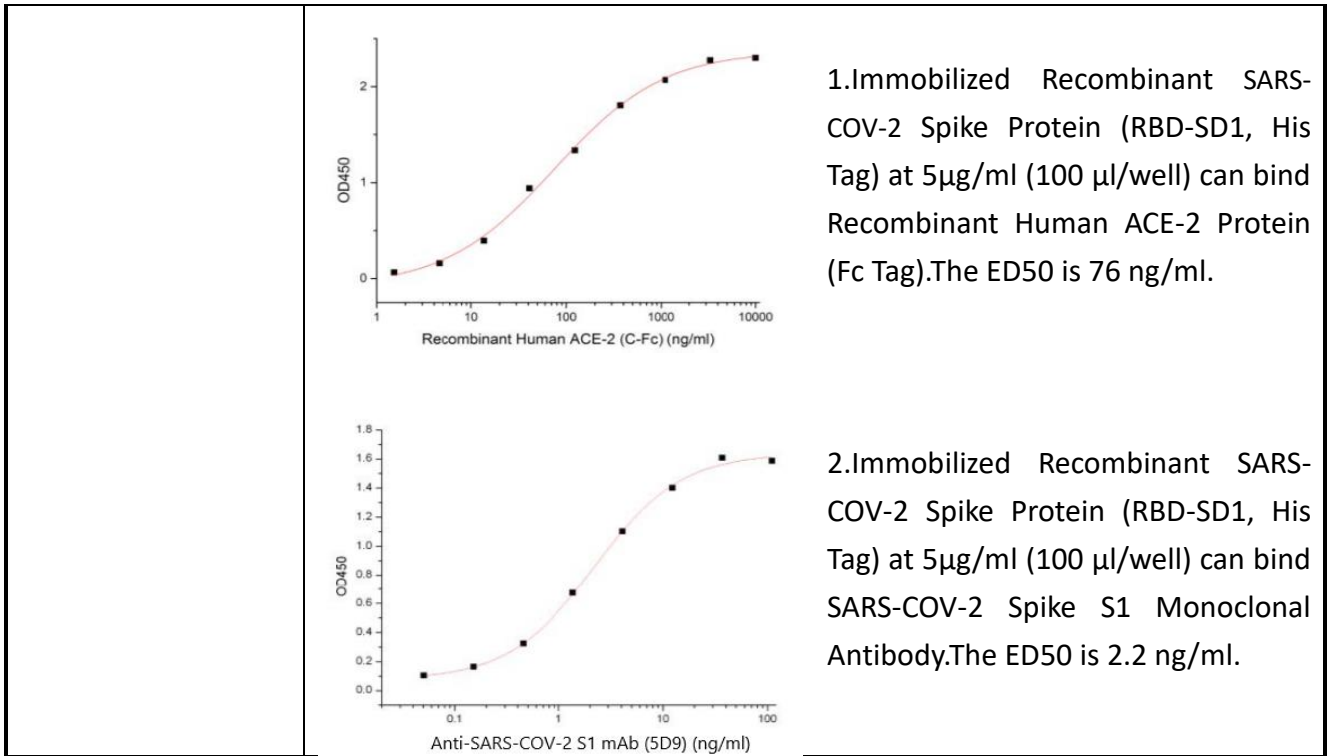
Recombinant SARS-COV-2 Spike Protein (RBD-SD1, His Tag)

Cat# P0078

Upon receipt, store at -20°C. Avoid repeated freeze.

INFORMATION

Product Name	Recombinant SARS-COV-2 Spike Protein (RBD-SD1, His Tag)
Cat. No.	P0078
Size	50ug/1mg
Species	Virus
Host	Human Cells
Sequence	Arg319-Ser591
Molecular Weight	31.4 kDa
Tag	C-6His
Purity	> 95 % as determined by reducing SDS-PAGE
Endotoxin	< 1.0 EU per µg as determined by the LAL method
Bio-activity	<p>1. Immobilized Recombinant SARS-COV-2 Spike Protein (RBD-SD1, His Tag) at 5µg/ml (100 µl/well) can bind Recombinant Human ACE-2 Protein (Fc Tag).The ED50 of PKSR030492 is 76 ng/ml.</p> <p>2. Immobilized Recombinant SARS-COV-2 Spike Protein (RBD-SD1, His Tag) at 5µg/ml (100 µl/well) can bind SARS-COV-2 Spike S1 Monoclonal Antibody. The ED50 of E-AB-V1005 is 2.2 ng/ml.</p>
Formulation	Supplied as a 0.2 µM filtered solution of PBS, pH 7.4.
Storage instruction	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Alias	SARS-COV-2 coronavirus NP Protein;SARS-COV-2 np Protein;SARS-COV-2 novel coronavirus Nucleoprotein Protein
Image	 <p>The image shows an SDS-PAGE gel with molecular weight markers on the left (120, 90, 60, 40, 30, 20, 14 kDa) and two lanes labeled MK and R. Lane R shows a single prominent band at approximately 31.4 kDa, corresponding to the recombinant protein.</p>



PRODUCT USE LIMITATION

These products are intended for research use only.