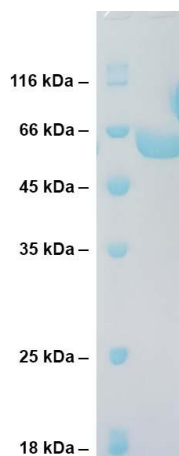


## Spike RBD Protein of SARS-CoV

CATALOG NUMBER: SCV-RBD-035P, 50 µg

<b>Introduction</b>	SARS coronavirus is a positive and single stranded RNA (29.7 kb) virus belonging to a family of enveloped coronaviruses. SARS virus has 13 known genes and encodes 14 known proteins, including ORF1a polyprotein, ORF1b polyprotein, nucleocapsid protein, spike protein, membrane protein, envelope protein, and eight accessory proteins.
<b>Applications</b>	Western blot standard, antibody ELISA, antigen, etc.
<b>Description</b>	Recombinant SARS-CoV spike RBD protein purified from 293 cell culture
<b>Viral Protein</b>	C-terminal hFc-tagged spike receptor binding domain (RBD) protein (amino acid 297-524) of (SARS-CoV) (GenBank Accession No. P59594)
<b>Storage</b>	Store at -20 °C; Stable for 6-months from the date of shipment when kept at 4 °C. Non-hazardous. No MSDS required.
<b>Concentration</b>	1 µg/µl in PBS
<b>Endotoxin Level</b>	<0.01 EU per 1 µg of the protein by LAL test
<b>Specificity</b>	≥ 95% purity (SDS PAGE)



**SDS-PAGE:** Purified Spike RBD (aa 297-524)(SARS-CoV) protein

### Spike RBD (aa 297-524) Protein (SARS-CoV) SEQ:

KGIIYQTSNFRVVPVSGDVVRFPNITNLCPFGEVFNATKFPSVYAWERKKISNCVADYSVLYNSTFFSTFKCYGVSATKLNLDLCFSNVYADSFVVKGDDVR  
 QIAPGQTGVIADYNYKLPDDFMGCVLAWNTRNIDATSTGNINYKYRYLRHGKLRPFERDISNVPFSPDGKPCPPALNCYWPLNDYGFYTTTGIGYQPY  
 RVVVLSFELLNAPATVCGPKLSTDLIKNQC-hFc

### Reference:

1. Rota, P.A., et al. Characterization of a novel coronavirus associated with severe acute respiratory syndrome. Science, 300(5624): 1394-1399, 2003.