

COVID-19 Spike Protein S1 Receptor-Binding Domain (S1RBD)

Origin:	Recombinant	Cat No.	41A221
Source:	<i>E. coli</i>	Size:	0.1 mg
Tag:	No Tag	Purity:	>95%

Description

Expressed in *E. coli* with total 194 AA. Mw: 21.8 KDa (calculated).

Recombinant antigen for research use or manufacturing only.

Antigenicity Test

Antigenicity validated in patient serum samples via ELISA test by coating COVID-19 S1RBD as capture antigen.

Antigenetic response even in 900-fold diluted patient serum.

Amino Acid Sequence

NITNLCPFGEVFNATRFASVYAWNRKRISNCVADYSVLYNSASFSTFKCYGVSPTKLNDLCFTNIVYADSFVIR
GDEV RQIAPGQTGKIADYNYKLPDDFTGCVIAWNSNNLDSKVGGNYNLYRLFRKSNLKPFFERDISTEIIYQA
GSTPCNGVEGFNCYFPLQSYGFQPTNGVGYQPYRVVLSFELLHAPATV

Formulation

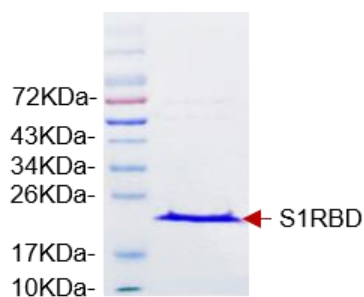
As liquid with vials containing S1RBD to 1.8 mg/mL in 50mM Tris, 300mM NaCl, 10% Glycerol, PH8.0.

Quality Control Test

BCA to determine quantity of the protein.

SDS PAGE to determine purity of the protein.

SDS-PAGE Gel



COVID-19 S1RBD;
Source: *E. coli* cell.