

## PRODUCT DATA SHEET

### SARS-CoV-2 Spike Protein S1 Receptor-Binding Domain (S1RBD)

**Cat. No.:** RI973599100

**Size:** 0.1 mg

**Source:** E. coli

**Type:** Recombinant protein

**Species:** SARS-CoV-2

**Other Names:**

Severe acute respiratory syndrome coronavirus 2 spike glycoprotein S1, 2019 novel coronavirus S1 protein, SARS-CoV-2 S1 subunit, COVID-19

**Description:**

Expressed in E. coli with total 194 AA. MW: 21.8 kDa (calculated).

**Amino Acid Sequence:**

NITNLCPFGE VFNATRFASV YAWNRRKRISN CVADYSVLYN SASFSTFKCY GVSPTKLNLDL  
CFTNVYADSF VIRGDEVQRQI APGQTGKIAD YNYKLPDDFT GCVIAWNSNN LDSKVGGNYN  
YLYRLFRKSN LKPFERDIST EIYQAGSTPC NGVEGFNCYF PLQSYGFQPT NGVGYQPYRV  
VVLSFELLHA PATV

**Purity:**

>95%

**Formulation:**

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

**Reconstitution:**

Defrost at ambient temperature

**Storage/Stability:**

Store vial at -20°C to -80°C. Please prevent freeze-thaw cycles.

**Quality Control:**

BCA to determine quantity of the protein.

SDS PAGE to determine purity of the protein.

**Note:**

This product is intended for research use only.