

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.