

SARS-CoV-2 (2019-nCoV) / COVID-19 WT RBD protein, human Fc tag

Catalog Number : RPC-004

Protein Construction :

A DNA sequence encoding the SARS-CoV-2 (2019-nCoV) spike protein RBD (Receptor Binding Domain) (Arg319-Phe541) was expressed with the Fc region of human IgG1 at the C-terminus.

Conc. : 1 mg/mL

Vol. : 0.1 mL

Purity : >90%

Target Name :

Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2(2019-nCoV)/COVID-19) Spike glycoprotein RBD (Receptor Binding Domain)

Structure :

S protein RBD(319-541)

human Fc Tag

Source : SARS-CoV-2 (2019-nCoV)

Accession # : QHD43416.1

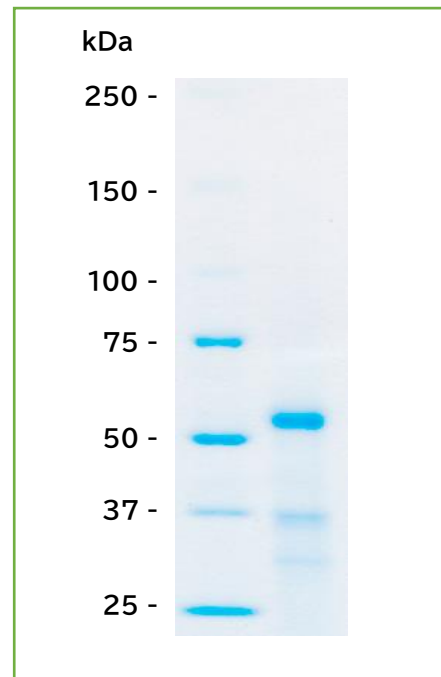
Expressed Host : CHO cells

Tags : human Fc Tag C-Terminus

Molecule Mass :

The recombinant SARS-CoV-2 (2019-nCoV) Spike Protein (RBD, hFc Tag) consists of 467 amino acids and predicts a molecular mass of 52.4 kDa.

SDS-PAGE :



Predicted N Terminal : Arg319

A.A. Sequence :

RVQPTESIVRFPNITNLCPFGEVFNATRFASVYAWNKRKISNCVAD
YSVLYNSASFSTFKCYGVSPTKLNDLCFTNVYADSFVIRGDEVQRQI
APGQTGKIADYNYKLPDDFTGCVIAWNSNNLDSKVGGNYNLYR
LFRKSNLKPFRDISTEIQAGSTPCNGVEGFNCYFPLQSYGFQP
TNGVGYQPYRVVLSFELLHAPATVCGPKKSTNLVKNKCVNFAS
LEVLFGQPAAEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDT
LMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREE
QYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKA
KGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESN
GQPENNYKTTTPVLDSGDSFFLYSKLTVDKSRWQQGNVFCVSN
MHEALHNHYTQKSLSLSPGK*

Formulation : liquid

Buffer : PBS(pH7.4)

Storage : -20°C to -80°C

Notes : Avoid repeated freeze-thaw cycles.