MHY24G69

Recombinant Human Novel Coronavirus Spike glycoprotein(S)(V483A),partial (Active)

Order 021-34695924
orders@ab-mart.com
Support 400-6123-828
support1@ab-mart.com
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☐ 1mg;100ug;20ug

Purity： Greater than 90% as determined by SDS-PAGE.

Endotoxin： Less than 1.0 EU/ug as determined by LAL method.

Biological Activity：

①Measured by its binding ability in a functional ELISA. Immobilized SARS-CoV-2-S1-RBD (V483A) at 5 μg/ml can bind human ACE2 (CSB-MP866317HU), the EC50 is 196.4-272.1 ng/ml.

②Measured by its binding ability in a functional ELISA. Immobilized SARS-CoV-2-S1-RBD (V483A) at 2 μg/ml can bind SARS-CoV-2-S Antibody (CSB-RA33245A1GMY), the EC50 is 7.481- 18.76 ng/ml.

Uniprot ID： P0DTC2

Organism：

Severe acute respiratory syndrome coronavirus 2 (2019-nCoV) (SARS-CoV-2)

Host： Mammalian cell

Mol.Wt.： 35 kDa

Expression Region： 319-541aa (V483A)

Tag Info： C-terminal 10xHis-tagged

Form： Lyophilized powder

Buffer：

Lyophilized from a 0.2 μm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0

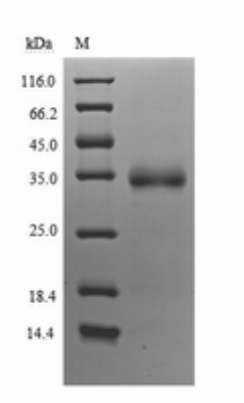
Reconstitution：

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

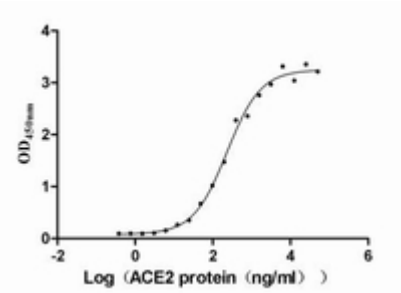
Notes： Partial

Lead Time： 3-7 business days

Images：



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



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