Catalog Number：AP50282HU

Species：Human

Size：100 μg

Instruction manual

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.

Recombinant Human Novel Coronavirus Spike glycoprotein (S) Protein

This package insert must be read in its entirety before using this product.

If You Have Problems

Our expert Technical Support Staff is available to assist you in answering your questions and resolving issues to ensure complete customer satisfaction.

Please Contact Us

Tel: (86)-27-65523378
Fax: (86)-27-65523378
Email: sales@abebio.com
service@abebio.com
Website: www.abebio.com

In order to obtain higher efficiency service, please ready to supply the lot number of the kit to us (found on the outside of the box).

【*BACKGROUND*】

Severe acute respiratory syndrome (SARS) is a viral respiratory illness caused by a coronavirus, called SARS-associated coronavirus (SARS-CoV). Human coronaviruses (HCoVs) were previously only associated with mild diseases. The SARS-CoV genome contains five major open reading frames (ORFs) that encode the replicase polyprotein; the spike (S), envelope (E), and membrane (M) glycoproteins; and the nucleocapsid protein (N).

【*GENE NAME SYNONYM*】

SARS-CoV-2 Spike glycoprotein Protein; SARS-CoV-2 SgP; Spike glycoprotein protein; novel coronavirus S Protein; novel coronavirus Spike glycoprotein Protein; 2019-nCoV Spike glycoprotein; 2019-nCoV S; 2019nCoV S; 2019-nCoV S Protein; 2019 ncov S Protein; 2019-nCoV Spike glycoprotein protein.

【*SOURCE*】

Human

【*HOST*】

E. coli 319-541AA.

【*PROTEIN RESIDUES*】

with N-terminal 6×His-tagged.

【*PROTEIN SEQUENCES*】

RVQPTESIVRFPNITNLCPFGEVFNATRFASVYAWNRKRISNCVADYSVLYNSA
SFSTFKCYGVSPTKLNDLCFTNVYADSFVIRGDEVRQIAPGQTGKIADYNYKLP
DDFTGCVIAWNSNNLDSKVGGNYNYLYRLFRKSNLKPFERDISTEIYQAGSTP
CNGVEGFNCYFPLQSYGFQPTNGVGYQPYRVVVLSFELLHAPATVCGPKKST
NLVKNKCVNF

【*PURITY*】

> 90 % as determined by SDS-PAGE.

【*PREDICTED MOLECULAR MASS*】

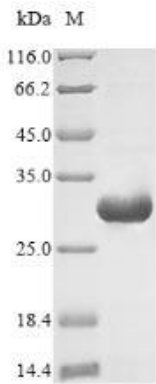
Predicted MW: 28 kDa

Observed MW: 28 kDa

【*FORMULATION*】

Lyophilized from 10 mM Tris, 1 mM EDTA, 6% Trehalose, pH 8.0

【*SDS-PAGE*】



【*STORAGE*】

Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.
Avoid repeated freeze-thaw cycles.

【*STABILITY*】

The recombinant protein is stable for up to 12 months from date of receipt at -80°C.

【*USAGE*】

2019 ncov S Protein - Centrifuge the standard vial at 6000-10000rpm for 30s. 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°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.