

SARS-CoV-2 Spike Glycoprotein

Catalogue No.: abx600064

Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2/COVID-19/2019-nCoV) Spike Glycoprotein is a recombinant protein expressed in *E. coli*

Target: SARS-CoV-2 Spike Glycoprotein

Research Area: Infection Immunity

Origin: Virus

Expression: Recombinant

Tested Applications: SDS-PAGE

Host: *E. coli*

Conjugation: Unconjugated

Form: Lyophilized

Purity: > 85% (SDS-PAGE)

Reconstitution: Reconstitute in double-distilled H₂O to a concentration of 0.1-1.0 mg/ml. For long-term storage, we recommend adding glycerol to make a final glycerol concentration of 5-50%.

Storage: Store at -20°C for up to 12 months in lyophilized form. After reconstitution, aliquots can be stored at 2-8°C for up to one week. Avoid repeated freeze/thaw cycles.

Validity: 6 months in liquid form, or 12 months in lyophilized form.

Molecular Weight: 75 kDa

Sequence Fragment: 16-685 AA.

Datasheet

Version: 5.0.0

Revision date: 07 Sep 2025

**Sequence:**

VNLTT RTQLPPAYTN SFTRGVYYPD KVFRSSVLHS TQDLFLPFFS NVTWFHAIHV SGTNGTKRFD
NPVLPFNDGV YFASTEKSNI IRGWIFGTTL DSKTQSLIV NNATNVVIKV CEFQFCNDPF
LGVYYHKNNK SWMESEFRVY SSANNCTFEY VSQPFLMDLE GKQGNFKNLR EFVFKNIDGY
FKIYSKHTPI NLVRDLPQGF SALEPLVDLP IGINITRFQT LLALHRSYLT PGDSSSGWTA
GAAAYYVGYL QPRTFLLKYN ENGTITDAVD CALDPLSETK CTLKSFTVEK GIYQTSNFRV
QPTESIVRFP NITNLCPFGE VFNATRFASV YAWNKRISN CVADYSVLYN SASFSTFKCY
GVSPTKLNDL CFTNVYADSF VIRGDEVRI APGQTGKIAD YNYKLPDDFT GCVIAWNSNN
LDSKVGGNYN YLYRLFRRSN LKPFERDIST EIYQAGSTPC NGVEGFNCYF PLQSYGFQPT
NGVGYQPYRV VVLSFELLHA PATVCGPKKS TNLVKNKCVN FNFNGLTGTG VLTESNKKFL
PFQQFGRDIA DTTDAVRDPQ TLEILDITPC SFGGVSVITP GTNTSNQVAV LYQDVNCTEV
PVAIHADQLT PTWRVYSTGS NVFQTRAGCL IGAEHVNNSY ECDIPIGAGI CASYQTQTN SRRAR

Tag:

N-terminal 6 His tag

Buffer:

Prior to lyophilization: 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, 50% glycerol.

Note:

THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only