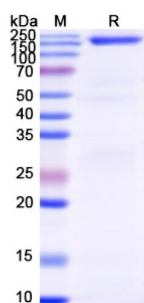


SARS-CoV-2 Trimeric Spike Glycoprotein

Catalogue No.: abx620027



SDS-PAGE analysis of SARS-CoV-2 Trimeric Spike Glycoprotein.

Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Trimeric Spike Glycoprotein is a recombinant protein expressed in Mammalian cells.

The SARS-CoV-2 Spike Glycoprotein (S protein) is a viral protein that allows the entry of SARS-CoV-2 into Human cells. The protein forms trimers on the viral capsid and binds to Human Angiotensin Converting Enzyme 2 (ACE2) located on the cell surface. The protein has a cleavage site between the Spike Protein and S2 subunits that is targeted by the Human enzyme Furin, and it may also cause the development of a syncytium (cell fusion). Antibodies to S protein can prevent viral entry as well as target the virus for further immune action.

Target: SARS-CoV-2 Trimeric Spike Glycoprotein

Research Area: Infection Immunity

Origin: Virus

Expression: Recombinant

Tested Applications: ELISA, WB, SDS-PAGE

Host: Mammalian cells

Recommended dilutions: Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Form: Lyophilized

Purity: > 90% (SDS-PAGE)

Reconstitution: Reconstitute in sterile water to produce a stock solution.

Storage: Store at 2-8°C for short-term storage. Store between -20°C and -80°C for up to one year. Avoid repeated freeze/thaw cycles.

Datasheet

Version: 10.0.0

Revision date: 22 Oct 2025



UniProt Primary AC: P0DTC2 ([UniProt](#), [ExPASy](#))

Gene Symbol: S

NCBI Accession: YP_009724390

Molecular Weight: Calculated MW: 140.15 kDa

Sequence Fragment: Gln14-Gln1208

Tag: C-terminal His tag

Buffer: Prior to lyophilization: PBS, pH 7.4, containing 5% Trehalose, 5% Mannitol.

Specificity: Recognizes SARS-CoV-2 Spike glycoprotein

Concentration: Prior to lyophilization: 0.6 mg/ml

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