

PRODUCT DATA SHEET

SARS-CoV-2 Spike Glycoprotein Wild-Type, HEK293

Cat. No.: RB9786141000

Size: 1.0 mg

Source: HEK293

Type: Recombinant protein

Species: SARS-CoV-2

Other Names:

Severe acute respiratory syndrome coronavirus 2 spike glycoprotein, 2019 novel coronavirus Spike protein, COVID-19

Description:

Full-length SARS-CoV-2 Spike Protein is a single span transmembrane protein which contains the Spike Protein amino acids 1-1273. Full length SARS-CoV-2 Spike Protein is manufactured in HEK293 mammalian cells, ensuring the most authentic post-translational modifications. Full-length sequence (aa 1 – 1273), furin cleavage site “RRAR” mutated to “GSAG” (Accession No.: YP_009724390.1 (GenBank), P0DTC2 (UniProt).)

Purity:

>98% by SDS-PAGE gel

Endotoxin:

< 1.0 EU/μg

Formulation:

Liquid – Purified protein (1 mg/ml) supplied in 20 mM Hepes pH 7.5; 150 mM NaCl, 0.001% LMNG

Reconstitution:

Defrost at ambient temperature.

Shipping:

On ice. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

Store protein at -80°C. Protein remains stable until the expiry date when stored at -80°C. Avoid repeated freezing/thawing cycles.

Applications:

COVID-19, ELISA, ligand binding assays, Western blotting

Note:

This product is intended for research use only.