

PRODUCT DATA SHEET

SARS-CoV-2 Spike Glycoprotein UK/Nigerian Mutation B.1.525, HEK293

Cat. No.: RB9786121000**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:

SARS-CoV-2 Spike glycoprotein, UK/Nigerian Variant B.1.525. Active trimeric form. UniProt acc. no. P0DTC2. Full-length sequence aa 1 –1273. Mutations: del 69-70, del 144, Q52R, E484K, Q667H, F888L. Further mutations: furin cleavage site RRAR modified to GSAG, K986P, V987P. C-terminal tag.

Purity:

>98% as determined by SDS-PAGE

Formulation:

Liquid in buffer 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.