

PRODUCT DATA SHEET

SARS-CoV-2 Spike Glycoprotein California/CAL.20C Mutation B.1.429, HEK293

Cat. No.: RB978613100

Size: 0.1 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, Californian Variant B.1.429. Active trimeric form. UniProt acc. no. P0DTC2. Full-length sequence aa 1 –1273. Mutations: S13I, W152C, L452R, D1183Y. 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.