

Recombinant SARS-CoV BtKY72 Spike Protein (K669A, KV971-972PP), His-tagged

Cat. No. Spike-4777S Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant SARS-CoV BtKY72 Protein (K669A, KV971-972PP)(Thr 13 - Pro 1198), fused with His tag, was expressed in HEK293.

Species

SARS-CoV

Source

HEK293

ProteinLength

Thr 13 - Pro 1198

Form

Lyophilized from 0.22 µm filtered solution in PBS. Normally trehalose is added as protectant before lyophilization.

Molecular Mass

This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 136.7 kDa. The protein migrates as 160-190 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Endotoxin

Less than 1.0 EU per µg by the LAL method.

Purity

>95% as determined by SDS-PAGE.

Storage

For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [S surface glycoprotein \[Severe acute respiratory syndrome coronavirus 2 \]](#)

Official Symbol [Spike](#)

Synonyms Spike; S1 protein; Spike glycoprotein Subunit1; S glycoprotein Subunit1; Spike protein S1; COVID-19 Omicron

Gene ID [43740568](#)

Protein Refseq [YP_009724390.1](#)

UniProt ID [P0DTC2](#)

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