

Product Code: RM-CV2-SP-01

Gel Image:

Protein: SARS-CoV-2 Spike, Full-length (aa 16- aa 1211)

Lot No: XXXXX

Source: Mammalian cells (*HEK*)

Mol. Wt: 135 kD

Purification: Purified from *HEK* cells by Ni-IMAC.

Purity: 95% by SDS-PAGE and InBio[®]MS (LC-MS/MS, relative abundance).

Validation: Validated by IgG antibody ELISA using serum samples (n=10) from COVID-19 patients.

Concentration: xx based on OD 280nm. Extinction Coefficient = 0.95.

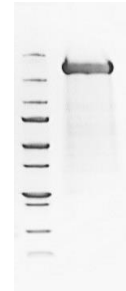
Formulation: Preservative and carrier-free in 1X PBS, pH 7.4.
Filtered through 0.22µm filter.

Storage: Store at -20°C. Avoid repeated freeze-thaw cycles.

Expiration: x/20xx, when stored at -20°C.

Notes:

- (1) SARS-CoV-2 SFL has a C-terminal 8xHis-tag, with a TEV protease cleavage site immediately upstream from the His-tag.
- (2) Point mutations, K986P and V987P, were introduced to increase stability, and R682S, R683G, and R685G were introduced to prevent furin cleavage.



For research and commercial use *in vitro*: not for human *in vivo* or therapeutic use.

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