

**MP Biomedicals, LLC**29525 Fountain Parkway  
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## Certificate of Analysis

**Product Description:** Biotinylated Recombinant SARS-COV-2 Spike S1 (B.1.1.529/Omicron) Protein (C-His-Avi tag)  
**Catalog Number:** L100018  
**Lot:** S8793

**Formula:** N/A  
**CAS #:** N/A  
**Physical Description:** White Solid

**Formula Weight:** N/A  
**Storage:** -20°C

Test	Specification	Result
Identity Test	Passes	Passes
Host	Human 293 cells	Human 293 cells
Tag	C-His-Avi tag	C-His-Avi tag
Form	Lyophilized	Lyophilized
Amount	100µg	100µg

**DESCRIPTION:** This recombinant protein is highly pure (>97%) through SDS-PAGE and HPLC checks; The endotoxin level is < 1.0 EU/µg through LAL method.

**STORAGE:** This protein is in a lyophilized powder format prepared from a 0.22 µm filtered solution of PBS, pH 7.3 - 7.4. Store the lyophilized protein at -20 °C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2 - 8 °C for up to 1 week. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles.

**WARNING AND CAUTION:** This product is intended FOR RESEARCH USE ONLY, not for use in diagnostic or therapeutic procedures involving humans.

**Recommended Retest Date (MM/DD/YYYY):**06/28/2024

A handwritten signature in black ink, appearing to read 'Lily Meng', is written over a faint, circular, textured background.

06/29/2022 - Lily Meng  
MP Biomedicals, LLC.  
QC Chemist

This is an electronically generated document  
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