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Certificate of Analysis

Product Description: Biotinylated Recombinant SARS-COV-2 Spike S1 Protein (C-His-Avi tag)
Catalog Number: L100006
Lot: S8794

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	Expi293 cells
Tag	C-His-Avi tag	C-His-Avi tag
Form	Lyophilized	Lyophilized
Amount	100µg	100µg

DESCRIPTION: This recombinant protein is highly pure (>95%) through SDS-PAGE and HPLC checks; The endotoxin level is < 1.0 EU/µg through LAL method; Immobilized Biotinylated SARS-COV-2 Spike S1 at 0.5 µg/ml (100il/Well), the functional ELISA revealed a dose response curve for human ACE2 with an EC50 of 16.1ng/ml.

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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