

**MP Biomedicals, LLC**29525 Fountain Parkway  
Solon, Ohio 44139Telephone: 440/337-1200  
Toll Free: 800/854-0530

## Certificate of Analysis

**Product Description:** Recombinant Human ACE2 Protein (His tag)  
**Catalog Number:** L100019  
**Lot:** S8792

**Formula:** N/A  
**CAS #:** N/A  
**Physical Description:** Lyophilized White Powder

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

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

**DESCRIPTION:** This recombinant protein is highly pure (>97%) through SDS-PAGE check; The endotoxin level is < 0.1 EU/µg through LAL method; The functional ELISA binding assay revealed that immobilized recombinant human ACE2 at 2µg/ml (100 µl/well) can bind to recombinant SARS-COV-2 Spike S1 Protein with a linear range of 0.49-9.31 ng/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'.

06/28/2022 - Lily Meng  
MP Biomedicals, LLC.  
QC Chemist

This is an electronically generated document

<mailto:biotech@mpbio.com>

<http://www.mpbio.com>

Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)