

Version 01  
Update: 06/16/2021

## CERTIFICATE OF ANALYSIS

### Product Information

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Product Name	SARS-CoV-2 Spike protein (S1, T19R, G142D, L452R, E484Q, D614G, P681R, His Tag)
Cat. No.	Z03615
Lot No.	T2105058
Size	Specified on product label
Formulation	Liquid, PBS, pH 7.4
Storage	Upon receiving, the product can be stored for 6 months at -20 °C or below. Please avoid repeated freeze-thaw cycles.

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### Quality Control

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Test Items	Specifications	Results
Appearance	Clear, Colorless, Liquid	Passed
Activity	This protein can bind with ACE-2 in functional ELISA assay.	Passed
Concentration	Determined by Bradford assay with BSA as a standard	1.29mg/ml
Purity	> 90% as analyzed by SDS-PAGE	Passed

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### Caution

For laboratory or further manufacturing use only. Not intended for household use. If you have any questions about the Certificate of Analysis, please contact our customer service representative at 1-877-436-7274 (Toll-Free), or 1-732-885-9188.

Certified by: *Dandan Yao* Date: 06/18/2021

Quality Department

**For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.**