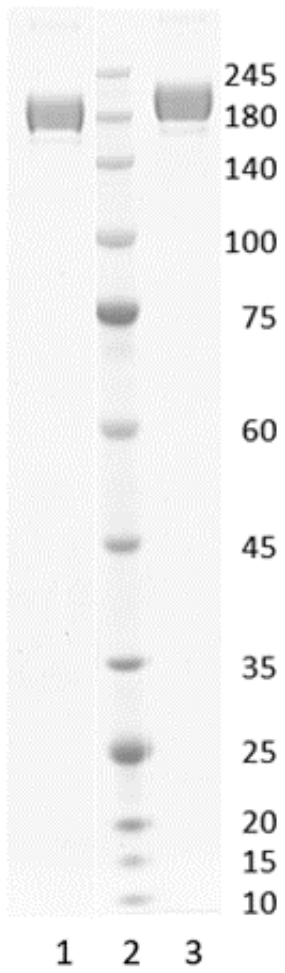




## **SARS-CoV-2 Trimeric Spike B.1.621 (mu)**

Catalogue #	P-361-100
Uniprot ID:	P0DTC2
MW:	410.6
Host:	CHO-based cell line (expressed by QMCF Technology)
Purification:	Purified by Ni-affinity chromatography and gel-filtration from serum-free CHO growth media, sterile filtrated.
Purity:	>95%
Concentration:	1 mg/ml
Buffer:	PBS pH 7.4
Endotoxine:	NA
QC:	SDS-PAGE, NanoDrop A280, Analytical SEC, Octet binding to ACE2
Shipping:	Shipped on dry ice.
Storage:	Store at -70°C upon receipt. Avoid repeated freeze-thaw cycles.

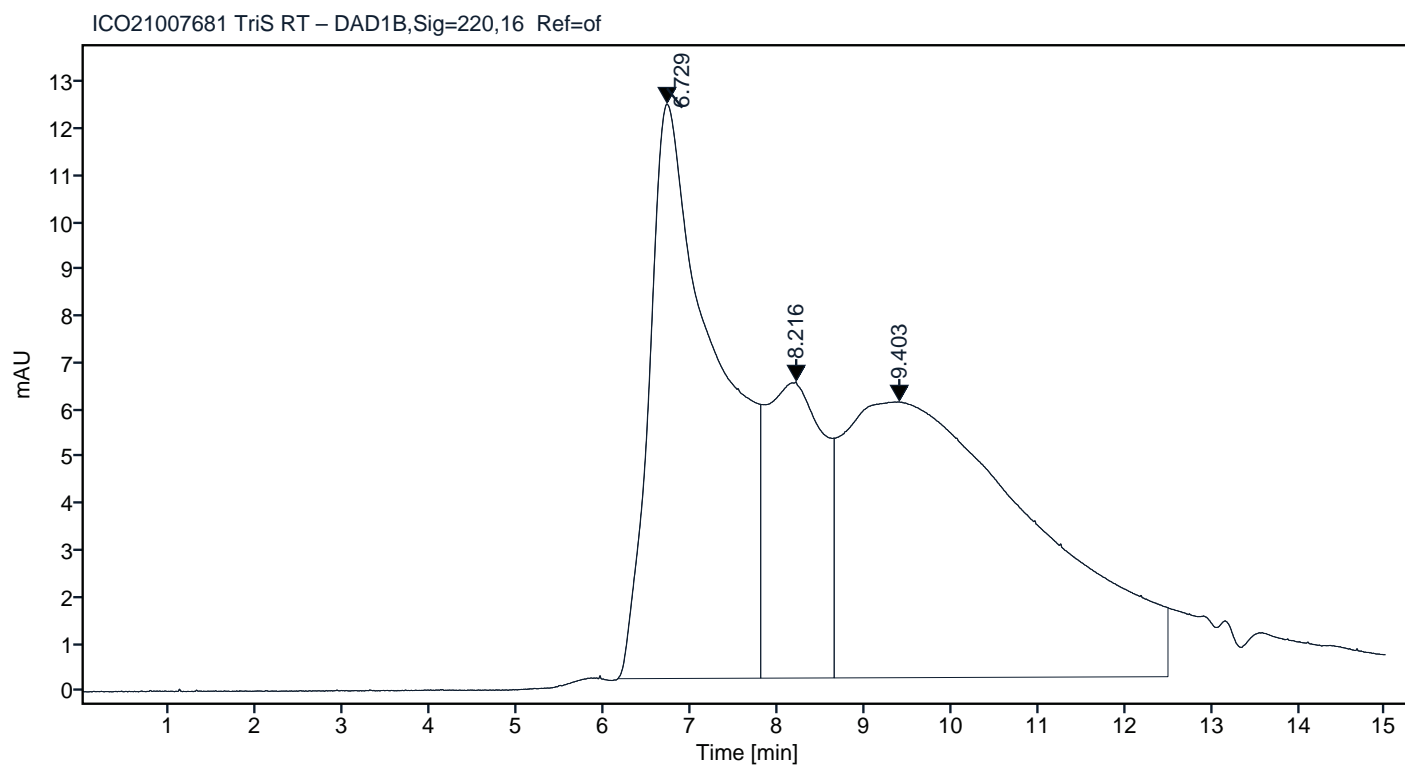


**Figure 1.** Simply Blue stained SDS-PAGE analysis of SARS-CoV-2 Trimeric Spike B.1.621. 4-12% gradient gel is used for analysis. Lane 1. 8 µg SARS-CoV-2 Trimeric Spike B.1.621 (-DTT). Lane 2. Protein marker (Smobio). Lane 3. 8 µg SARS-CoV-2 Trimeric Spike B.1.621 (+DTT).

## Peak Table

Peak #	RT (min)	Area	Area %
1	6.729	673.77	35.94
2	8.216	294.64	15.72
3	9.403	906.05	48.34

## Chromatogram



**Figure 2.** HPLC analytical SEC for final product.

## Peak Table

Peak #	RT (min)	Area	Area %
1	6.727	579.19	37.61
2	8.178	238.96	15.52
3	9.425	721.73	46.87

## Chromatogram

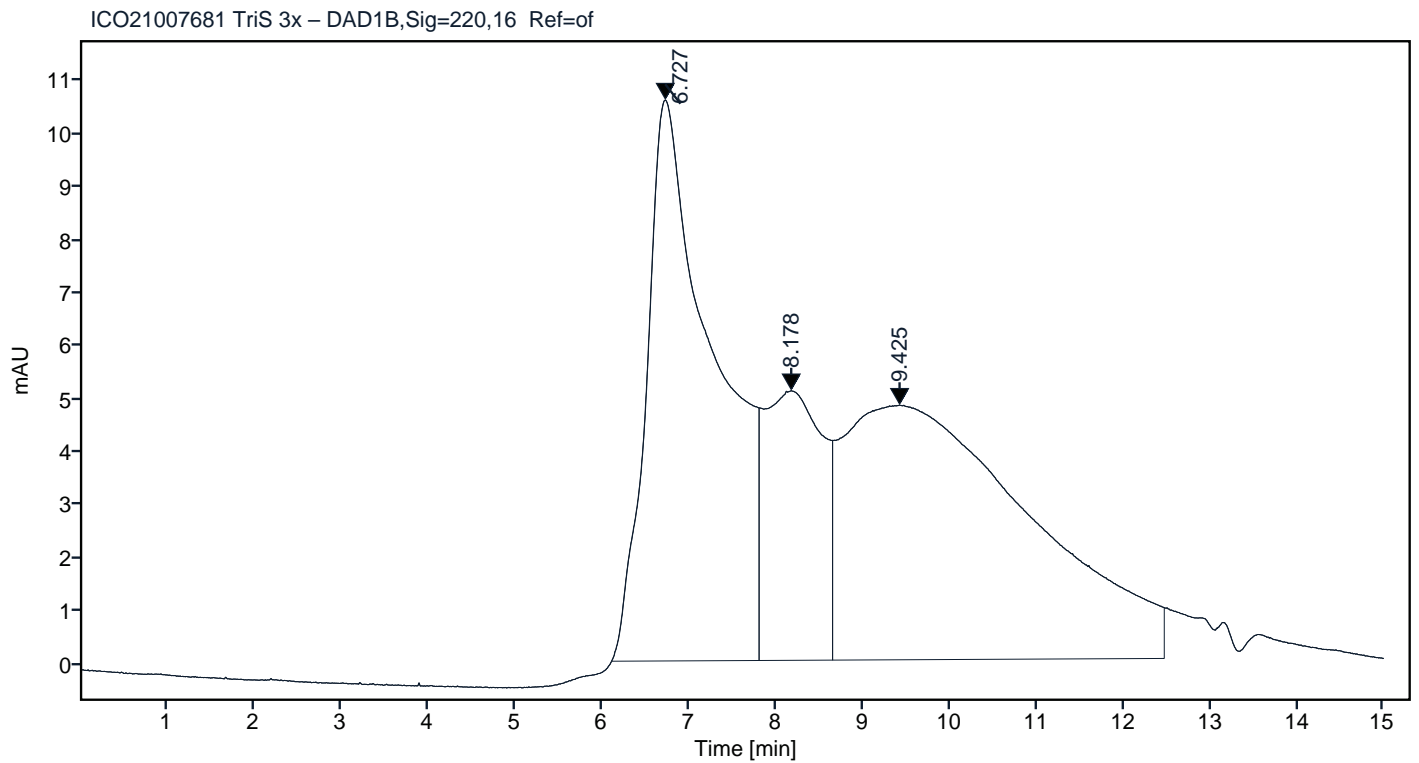


Figure 3. HPLC analytical SEC after 3 freeze-thaw cycles.

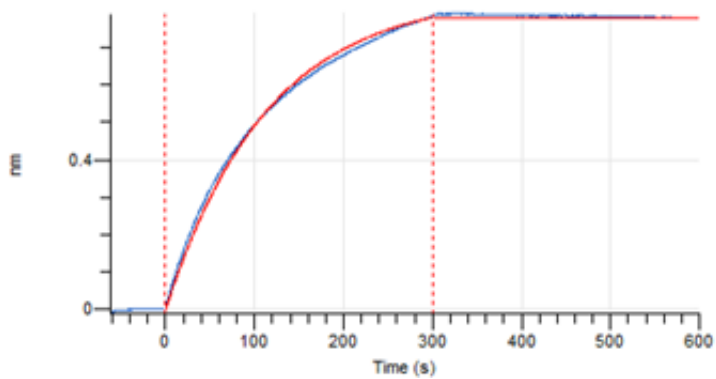


Figure 4. Octet Red96e analysis of SARS-CoV-2 Trimeric Spike B.1.621 binding to human ACE2 receptor.

