

Product: RBD-(K417T-E484K-N501Y)-6xHis purified recombinant protein
Catalog N.: PR0016

1. Application

Application

-ELISA and Western Blot

For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in human or animals.

2. Product description

	SARS-CoV-2, RBD region, aa 351-541, 6xHis tag at C-terminus, K417T-E484K-
Region/sequence:	N501Y mutation
Calculated MW:	26.0 KDa
Expression Host:	HEK293 cells
Form:	Liquid
Concentration:	2,14 mg/ml (UV abs)
Purity	>95%
Conjugation:	Unconjugated
Endotoxin:	<0,01EU/mg
Quantity:	100 ug
Buffer:	Phosphate Buffered Saline (pH 7,4)
Storage:	Store as concentrated solution. Centrifuge briefly before opening vial. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

SISTEMA DI GESTIONE
 QUALITÀ CERTIFICATO

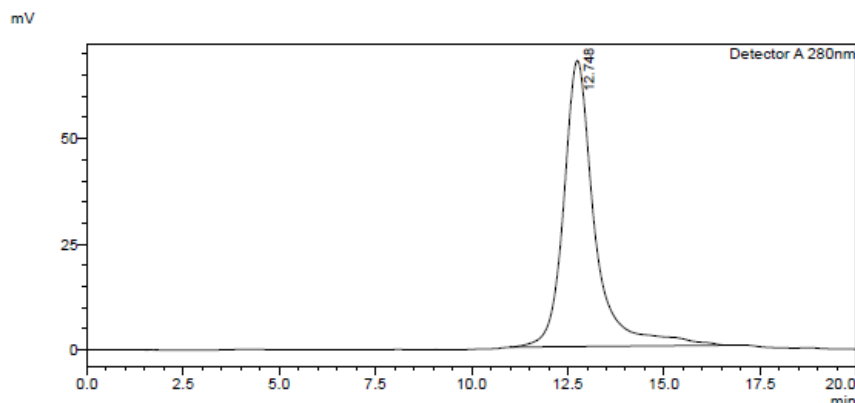
CQY
 CERTIQUALITY

UNI EN ISO 9001:2015

FOR RESEARCH USE ONLY

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3. SEC-HPLC



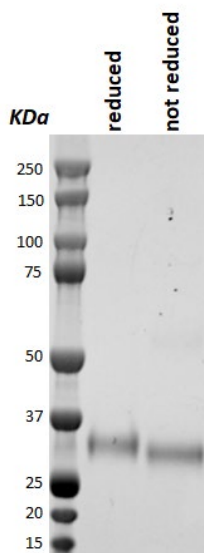
Detector A 280nm

Peak#	Ret. Time	Area	Area%
1	12.748	3803097	100.00
Total		3803097	100.00

Result: aggregates <10%

4. SDS-PAGE

Non-reducing / Reducing SDS-PAGE Loading :



RBD-(K417T-E484K-N501Y)-6xHis

5. ACE2-hFc binding

COATING: RBD-6His 1ug/ml in PBS 1x, 50 ul/well, ON 4°C

PROTEIN BINDING: ACE2-hFc in scalar dilutions, in 1% BSA, ON 4°C

DETECTION: anti-Human, AP conjugated

DEVELOPMENT: AP substrate, 1h RT, abs at 405 nm

