



Product: RBD-6xHis purified recombinant protein
Catalog N.: PR0001

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

Region/sequence:	SARS-CoV-2, RBD region, aa 319-541 and His tag at C-terminus
Calculated MW:	26.0 KDa
Expression Host:	<i>E. coli</i>
Form:	Liquid
Concentration:	0,1 mg/ml (UV abs)
Purity	> 90%
Conjugation:	Unconjugated
Endotoxin:	< 50 EU/ug
Quantity:	100 ug
Buffer:	Tris HCl 50 mM, NaCl 500 mM, 20% glycerol, TCEP 1mM (pH 8,0)
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

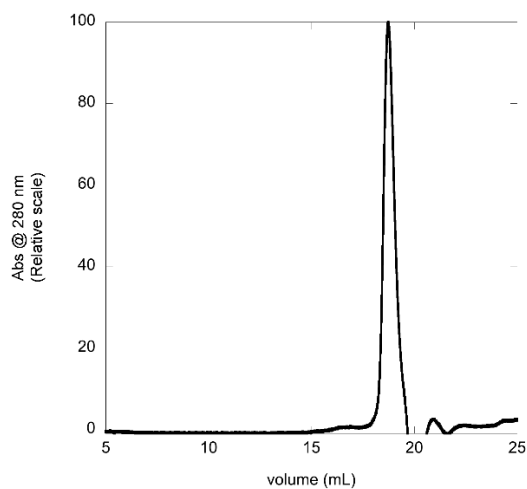


UNI EN ISO 9001:2015

FOR RESEARCH USE ONLY

Page 1/3

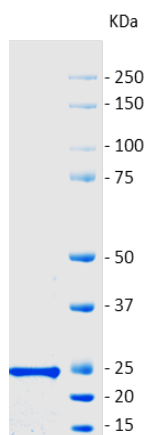
3. SEC-FPLC



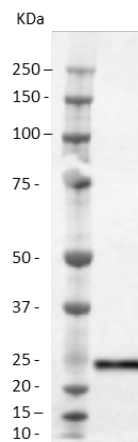
4. SDS-PAGE & Western Blot

Reducing SDS-PAGE Loading:

COOMASSIE STAINING



WESTERN BLOT



IB: His TAG 1: 2000 O/N
PBS-T 5% milk

RBD-6xHis

5. Ab anti-spike binding

COATING:	RBD-6XHis different concentrations (3, 5 ug/ml) in PBS 1x, 50 ul/well, ON 4°C It is not recommended to use it at concentrations < 3 ug/ml
ANTIBODY BINDING:	rabbit anti-SARS-CoV-2 Spike S1 Subunit antibody 1:500, in 1% BSA, ON 4°C
DETECTION:	anti-rabbit, HRP conjugated
DEVELOPMENT:	TMB substrate, 1h RT, stop reagent for TMB substrate, abs at 450 nm

