

32-190021: Recombinant SARS-CoV-2 Envelope Protein, Avi and His Tag

Gene ID : 43740570
Alternative Name : 2019-nCoV E protein;2019-nCoV sM protein;Envelope protein;Env polyprotein;Envelope glycoprotein;env;COVID-19

Description

Source: E. coli. Recombinant 2019-nCoV envelope Protein is produced by E. coli expression system. The target protein is expressed with sequence (Met1-Val75) of 2019-ncov envelope fused with a 6×His,Avi tag at the N-terminus.

Product Info

Amount : 100 µg
Purification : >95% by SDS-PAGE.
Content : Supplied as a 0.22 µm filtered solution in 20mM Tris,250mM NaCl,0.5%TritonX-100,pH 8.0.
Storage condition : This product is stable at -70°C for up to 6 months from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature.Avoid repeated freeze-thaw cycles.
Amino Acid : Recombinant 2019-nCoV envelope Protein is produced by E. coli expression system. The target protein is expressed with sequence (Met1-Val75) of 2019-ncov envelope fused with a 6×His,Avi tag at the N-terminus.

Application Note

Endotoxin : < 1.0 EU/µg of the protein by LAL method.

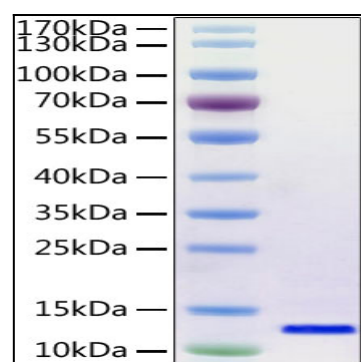


Figure-1: Recombinant 2019-nCoV envelope Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 12 kDa.

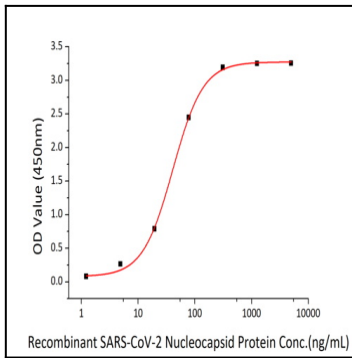


Figure-2: Immobilized Recombinant 2019-nCoV Envelope at $2 \mu\text{g/mL}$ ($100 \mu\text{L/well}$) can bind Recombinant 2019-nCoV Nucleocapsid with a linear range of 1.2-41.1 ng/mL.