9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

# 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.

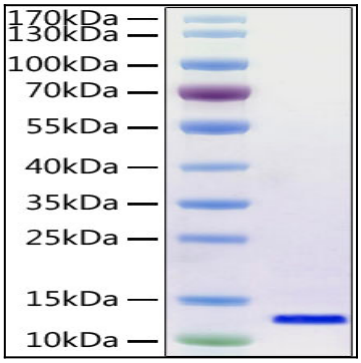


Figure-1:Recombinant 2019-nCoV envelope Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 12 kDa.

9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

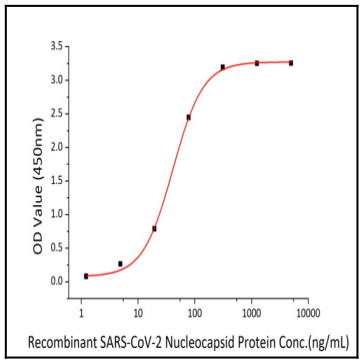


Figure-2: Immobilized Recombinant 2019-nCoV Envelope at 2μg/mL (100 μL/well) can bind Recombinant 2019-nCoV Nucleocapsid with a linear range of 1.2-41.1 ng/mL.