

COVID 19 Envelope Coronavirus Active Protein | COVID-19 active protein

Recombinant SARS-CoV-2 Envelope Protein

CATALOG #
AAA28309

HOST
E Coli

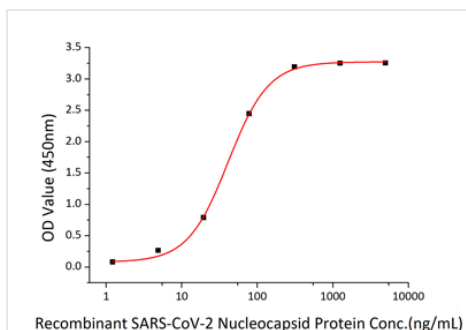
PRODUCT SYNONYMS

COVID 19 Envelope Coronavirus; Recombinant SARS-CoV-2 Envelope Protein; 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; Envelope; 2019-nCoV E protein; 2019-nCoV sM protein; Envelope protein; Env polyprotein; Envelope glycoprotein; env; COVID-19; COVID-19 active protein

PRODUCT SPECIFICATIONS

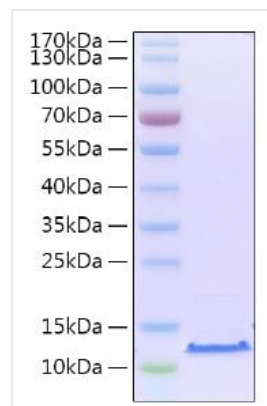
Host	E Coli
Purity/Purification	> 95% by SDS-PAGE.
Form/Format	Supplied as a 0.22um filtered solution in 20mM Tris, 250 mM NaCl, 0.5% TritonX-100, pH8.0.
Species	2019-nCoV/SARS-COV-2
Endotoxin	< 0.1 EU/ug of the protein by LAL method.
Bio Activity	Measured by its binding ability in a functional ELISA. Immobilized Recombinant SARS-CoV-2 Envelope at 2 ug/mL (100 uL/well) can bind Recombinant SARS-CoV-2 Nucleocapsid with a linear range of 1.2-41.1 ng/mL
Tags	N-His&Avi
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Ships on Dry Ice. This product is stable at $\leq -70^{\circ}\text{C}$ 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.

IMAGES



Application Data

Immobilized Recombinant SARS-CoV-2 Envelope at 2ug/mL (100 uL/well) can bind Recombinant SARS-CoV-2 Nucleocapsid with a linear range of 1.2-41.1 ng/mL.



SDS-PAGE

Recombinant SARS-CoV-2 envelope Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 12 kDa.

ADDITIONAL INFORMATION

Related Product Information for COVID-19 active protein	Recombinant SARS-CoV-2(2019-nCoV) Envelope Protein is produced by E. coli expression system. The target protein is expressed with sequence (Met1-Val75) of SARS-COV-2(2019-nCoV) Envelope (Accession #QHD43418.1) fused with an initial Met,a 6×His,Avi tag at the N-terminus.
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NCBI AND UNIPROT INFORMATION

NCBI GeneID	43740570
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-covid-19-active-protein/covid-19-envelope-coronavirus/28309>