

COVID 19 Envelope Protein (E) Coronavirus Recombinant Protein | COVID-19 recombinant protein

Envelope Protein (E) of SARS-CoV-2

CATALOG # AAA62091	HOST E Coli	APPLICATIONS ELISA, Western Blot
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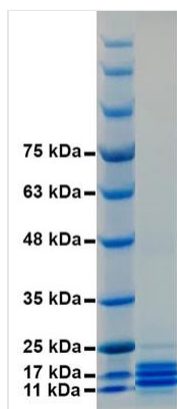
PRODUCT SYNONYMS

COVID 19 Envelope Protein (E) Coronavirus; Envelope Protein (E) of SARS-CoV-2; 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; Envelope Protein (E); COVID-19 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	≥95% (SDS-PAGE)
Concentration	1ug/ul in PBS (varies by lot)
Applicable Applications for COVID-19 recombinant protein	ELISA, WB (Western Blot)
Source Note	Recombinant envelope protein of SARS-CoV-2 expressed and purified from E Coli
Endotoxin	<1 EU per 1ug of the protein by LAL test
Viral Protein	N-terminal His-SUMO tag E protein (amino acid 1-75) of human SARS-CoV-2 (GenBank No. QHD43418); SUMO, small ubiquitin-related modifier.
Preparation and Storage	Store at -20°C Stable for 6-months from the date of receipt when kept at 4°C. Non-hazardous. No MSDS required.

IMAGES



SDS-PAGE

SDS-PAGE: purified recombinant E protein of SARS-CoV-2.

ADDITIONAL INFORMATION

Related Product Information for COVID-19 recombinant protein	Recombinant E protein (SARS-CoV-2)purified from E Coli. N-terminal His-SUMO tag E protein (amino acid 1-47)of human SARS-CoV-2 (GenBank No.QHD43418); SUMO, small ubiquitin-related modifier. Introduction: The novel corona virus (SARS-CoV-2), previously called 2019-nCoV, is a newly identified corona virus causing the ongoing outbreak of atypical pneumonia in Wuhan China from late 2019. The genome of SARS-CoV-2 has 89% nucleotide identity with bat SARS-like-CoVZXC21 and 82% with that of human SARS-CoV. The phylogenetic trees of their orf1a/b, Spike, Envelope, Membrane and Nucleocapsid protein also clustered closely with those of the bat, civet and human SARS corona viruses. However, the external subdomain of Spike's receptor binding domain (RCB)of SARS-CoV-2 shares only 40% amino acid identity with other SARS-related corona viruses.
Product Categories/Family for COVID-19 recombinant protein	Viral Recombinant Proteins; Corona virus

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/covid-19-envelope-protein-e-coronavirus-recombinant-protein-e-coli-elisa-wb-western-blot/62091>