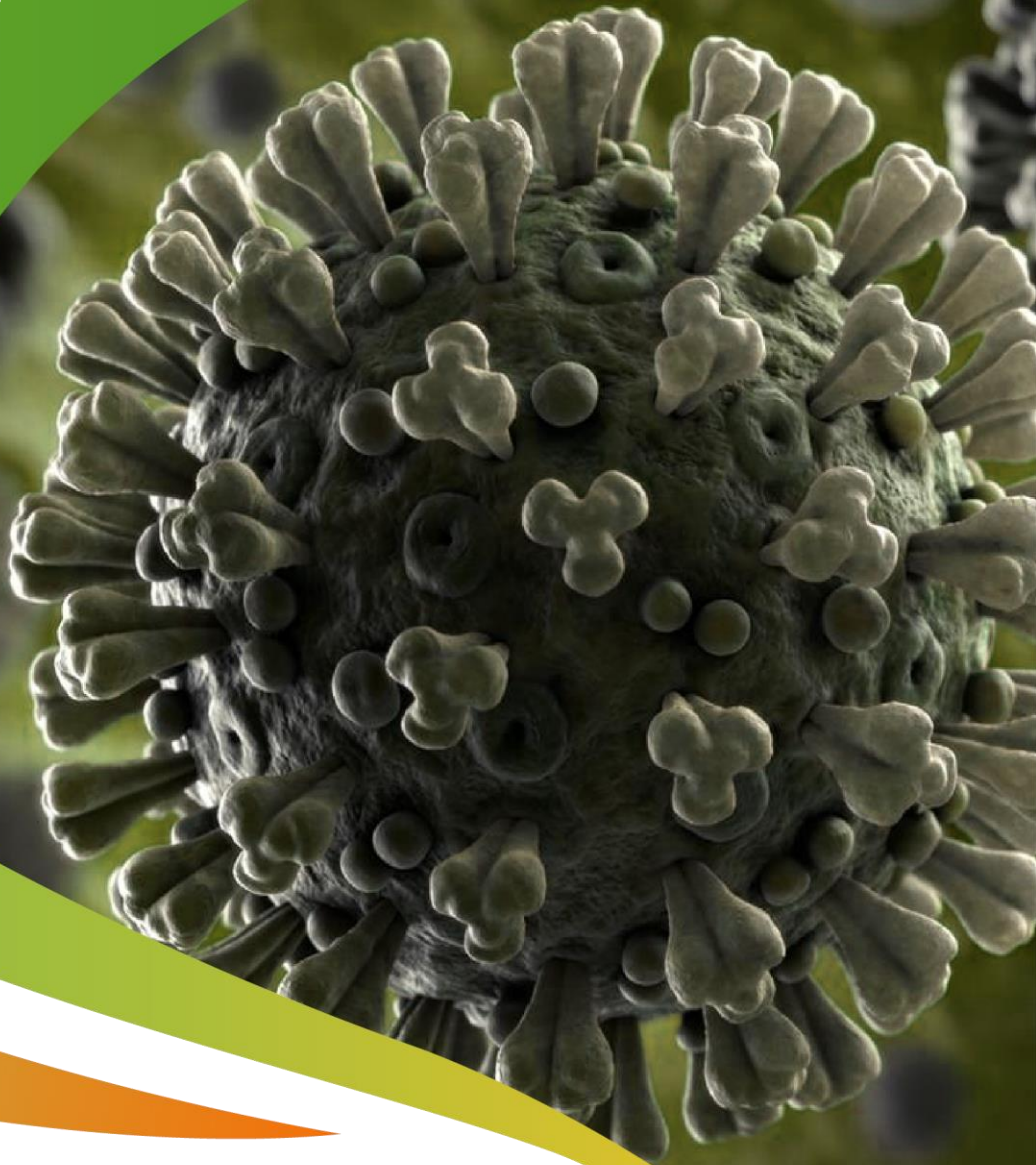




CREATIVE BIOMART®

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List of SARS-CoV-2 and Other CoV Related Proteins

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The **2019 novel coronavirus**, or **severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)**, is a positive-sense, single-stranded RNA coronavirus. It has been named officially as the COVID-19 by the WHO.

Leading healthcare experts from around the world are working closely on this new virus, tracking its spreading and virulence, and providing advice to individuals on how to protect oneself and prevent it from spreading further.

Coronaviruses (CoV) are a large family of viruses that cause illness ranging from the common cold to the more severe such as Middle East Respiratory Syndrome (MERS-CoV), Severe Acute Respiratory Syndrome (SARS-CoV), and the current SARS-CoV-2. Symptoms can vary in different species. So far, no vaccines or antiviral drugs have been developed to prevent or treat human coronavirus infections.

SARS-CoV-2 is enveloped, spherical of 60-140 nm in diameter with spikes of about 9-12 nm. **The spike protein (S-protein)** mediates receptor binding and membrane fusion which is the common target for neutralizing antibodies and vaccines. It's been reported that **SARS-CoV-2** can infect the human respiratory epithelial cells through interaction with the human ACE2 receptor.

Creative BioMart is fully supportive to the COVID-19 research. Taking advantage of our scientific expertise, high-quality products, and abundant experience, we are glad to provide a full set of the **SARS-CoV-2** recombinant proteins, including full length S protein (ECD), the S1 subunit, the S2 subunit, the S1 RBD, the N protein, and the possible target ACE2.

Besides, Creative BioMart also provides SARS-CoV, MERS-CoV, and other CoV related proteins to build on the existing SARS and MERS coronavirus research and identify knowledge gaps and research priorities to minimize the impact of the COVID-19 outbreak.

For more product information or custom protein expression service, please feel free to contact us.

SARS-CoV-2 Recombinant Proteins' List

Cat.No.	ProductName	Species	Source	Tag
Spike-19V	Recombinant COVID-19 (2019 novel coronavirus) Spike protein S1 subunit receptor binding domain (RBD), Mouse IgG1 Fc-tagged	COVID-19	Human Cells	Mouse IgG1 Fc
Spike-191V	Recombinant COVID-19 (2019 novel coronavirus) Spike protein S1 subunit, His-tagged	COVID-19	Human Cells	His
Spike-192V	Recombinant COVID-19 (2019 novel coronavirus) Spike protein S1 subunit, Human IgG1 Fc-tagged	COVID-19	Human Cells	Human IgG1 Fc
Spike-193V	Recombinant COVID-19 (2019 novel coronavirus) Spike protein S1 subunit, Mouse IgG1 Fc-tagged	COVID-19	Human Cells	Mouse IgG1 Fc
Spike-194V	Recombinant COVID-19 (2019 novel coronavirus) Spike protein (S1+S2 ECD), His-tagged	COVID-19	Baculovirus-Insect Cells	His
Spike-195V	Recombinant COVID-19 (2019 novel coronavirus) Spike protein S1 subunit, His-tagged	COVID-19	Baculovirus-Insect Cells	His
Spike-197V	Recombinant COVID-19 (2019 novel coronavirus) Spike protein (S2 ECD), His-tagged	COVID-19	Baculovirus-Insect Cells	His
nCoV-125V	Recombinant COVID-19 S(Δ TM) protein	COVID-19	HEK293	
nCoVNP-126V	Recombinant COVID-19 NP protein	COVID-19	HEK293	
N-196V	Recombinant COVID-19 (2019 novel coronavirus) Nucleocapsid protein, His-tagged	COVID-19	Baculovirus-Insect Cells	His
N-127V	Recombinant COVID-19 N protein	COVID-19	E. coli	
ACE2-736H	Recombinant Human ACE2, His-tagged	Human	HEK293	His
ACE2-68H	Recombinant Human ACE2, Fc-tagged	Human	HEK293	Fc
ACE2-185H	Recombinant Human ACE2 Protein, Fc-tagged	Human	HEK293	Fc

Other CoV Protein Products' List

Cat.No.	ProductName	Species	Source
SARSS-101V	Recombinant SARS-CoV(Beijing 02) S(ΔTM) protein	SARS-CoV	HEK293
SARSS-102V	Recombinant SARS-CoV(Beijing 02) S(1-1190) protein	SARS-CoV	HEK293
SARSS-103V	Recombinant SARS-CoV(Beijing 02) S(RBD) protein	SARS-CoV	HEK293
SARSN-104V	Recombinant SARS-CoV(Beijing 02) N protein	SARS-CoV	E.coli
SARSM-105V	Recombinant SARS-CoV(Beijing 02) M protein	SARS-CoV	E.coli
MERSS-106V	Recombinant MERS-CoV(EMC 2C/2012) S(ΔTM) protein	MERS-CoV	HEK293
MERSS-107V	Recombinant MERS-CoV(EMC 2C/2012) S(1-1190) protein	MERS-CoV	HEK293
MERSS-108V	Recombinant MERS-CoV(EMC 2C/2012) S(RBD) protein	MERS-CoV	HEK293
MERSN-109V	Recombinant MERS-CoV(EMC 2C/2012) N protein	MERS-CoV	E.coli
MERSM-110V	Recombinant MERS-CoV(EMC 2C/2012) M protein	MERS-CoV	E.coli
MERSS-123V	Recombinant MERS-CoV/EMC/2012 S(ΔTM) protein	MERS-CoV	HEK293
MERSNP-124V	Recombinant MERS-CoV/EMC/2012 NP protein	MERS-CoV	HEK293
hCoV S-111V	Recombinant Human-CoV(229E) S(ΔTM) protein	Human-CoV	HEK293
hCoV S-112V	Recombinant Human-CoV(229E) S(1-1190) protein	Human-CoV	HEK293
hCoV S-113V	Recombinant Human-CoV(229E) S(RBD) protein	Human-CoV	HEK293
hCoV N-114V	Recombinant Human-CoV(229E) N protein	Human-CoV	E.coli
hCoV M-115V	Recombinant Human-CoV(229E) M protein	Human-CoV	E.coli
bCoV S1-116V	Recombinant Bat-CoV(HKU4-2) S1 protein	Bat-CoV	HEK293

Cat.No.	ProductName	Species	Source
bCoVNP-117V	Recombinant Bat-CoV(HKU4-2) NP protein	Bat-CoV	E.coli
bSARSIS-118V	Recombinant Bat SARS-like coronavirus/WIV1 S(1-1190) protein	Bat SARS-like-CoV	HEK293
bSARSIS-119V	Recombinant Bat SARS-like coronavirus/WIV1 S(RBD) protein	Bat SARS-like-CoV	HEK293
bSARSIS-120V	Recombinant Bat SARS-like coronavirus/HKU3-1 S(1-1190) protein	Bat SARS-like-CoV	HEK293
bSARSIS-121V	Recombinant Bat SARS-like coronavirus/HKU3-1 S(RBD) protein	Bat SARS-like-CoV	HEK293
bSARSIN-122V	Recombinant Bat SARS-like coronavirus/HKU3-1 N protein	Bat SARS-like-CoV	HEK293

