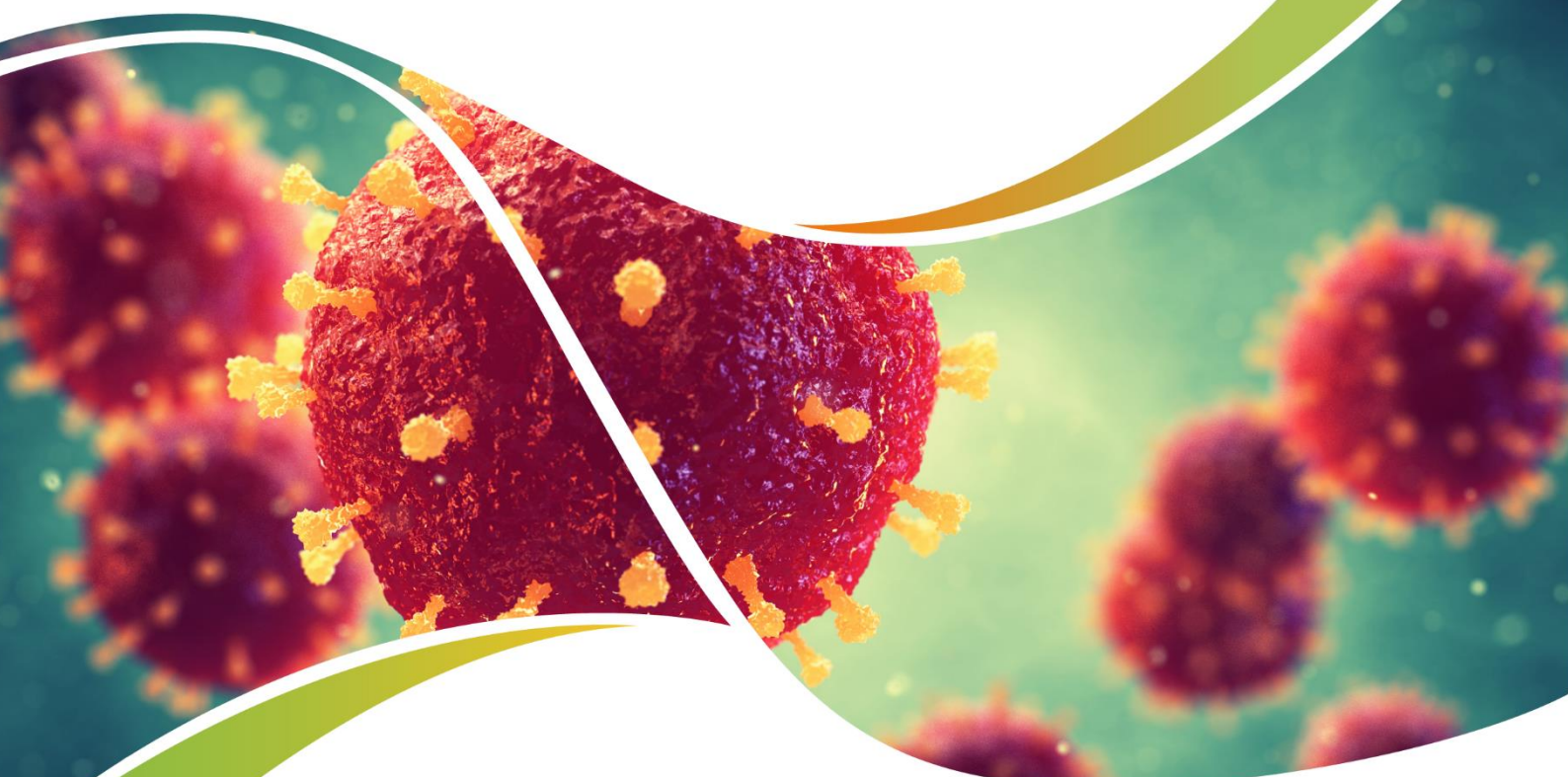




CREATIVE BIOMART®

## Featured SARS-CoV-2 Proteins -Second Wave



We hope you and your family are safe and well during these challenging times!

The COVID-19 outbreak has caused large numbers of death, as well as social and economic chaos worldwide. SARS-CoV-2 virus is the causative agent of this respiratory disease. There are currently no effective antiviral drugs and no preventive vaccines.

At Creative BioMart, we remain fully functional to support your research. We provide a set of SARS-CoV-2 proteins and its target protein. Please reach out for more information. We will be glad to set up a call to discuss your project needs.

Please also visit our website for more information.

So far, the scientific community has known that SARS-CoV-2 binds to host cell receptors through its surface spike (S) proteins and is endocytosed into cells through clathrin-mediated membrane fusion. The relationship and affinity between the host cell receptor and the virus surface protein determine the infectivity and cytophilic characteristics of the virus. The pathogenicity and invading of the virus are related to the type and function of the host cell. Crystal structure analysis confirmed that angiotensin-converting enzyme 2 (ACE2) is the receptor for SARS-CoV-2 S protein, and the affinity of the two is 10-20 times that of SARS-CoV and ACE2, which is the reason of SARS-CoV-2 super infectivity.

## Featured Products

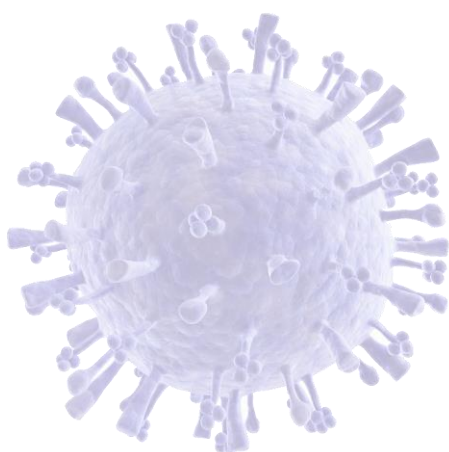
Cat.No.	Product name	Identity	Species	Source
Spike-19V	Recombinant COVID-19 (2019 novel coronavirus) Spike protein S1 subunit receptor binding domain (RBD), Mouse IgG1 Fc-tagged	S1(RBD)-mFc	SARS-CoV-2	HEK293
Spike-190V	Recombinant COVID-19 Spike protein receptor binding domain (RBD), His-tagged	S1(RBD)-His	SARS-CoV-2	HEK293
Spike-191V	Recombinant COVID-19 (2019 novel coronavirus) Spike protein S1 subunit, His-tagged	S1-His	SARS-CoV-2	HEK293
Spike-192V	2019-nCoV Recombinant COVID-19 Spike protein S1 subunit, Human IgG1 Fc-tagged	S1-hFc	SARS-CoV-2	HEK293
Spike-194V	Recombinant COVID-19 (2019 novel coronavirus) Spike protein (S1+S2 ECD), His-tagged	S1+S2(ECD)-His	SARS-CoV-2	Baculovirus-Insect Cells
Spike-195V	2019-nCoV Recombinant COVID-19 Spike protein S1 subunit, His-tagged	S1-His	SARS-CoV-2	Baculovirus-Insect Cells
Spike-197V	Recombinant COVID-19 Spike protein (S2 ECD), His-tagged	S2(ECD)-His	SARS-CoV-2	Baculovirus-Insect Cells
Spike-208V	Recombinant COVID-19 Spike trimer protein (R683A, R685A), his-tagged, active	S1+S2(ECD)-His	SARS-CoV-2	HEK293
N-127V	Recombinant COVID-19 (2019 novel coronavirus) N protein	N-His	SARS-CoV-2	E.coli
N-196V	Recombinant COVID-19 Nucleocapsid protein, His-tagged	N-His	SARS-CoV-2	Baculovirus-Insect Cells
nCoVNP-126V	Recombinant COVID-19 NP protein, His-tagged	N-His	SARS-CoV-2	HEK293
Plpro-198V	Recombinant COVID-19 Plpro protein, His-tagged	Plpro-His	Human	E.coli
3CL-Mpro-134V	Recombinant COVID-19 3CL-Mpro protein, His-tagged	3CL-Mpro-His	SARS-CoV-2	E.coli
ACE2-736H	Recombinant Human ACE2, His-tagged	ACE2-His	Human	HEK293
ACE2-68H	Recombinant Human ACE2, Fc-tagged	ACE2-hFc	Human	HEK293
ACE2-185H	Recombinant Human ACE2, mouse IgG1 Fc-tagged	ACE2-mFc	Human	HEK293
TMPRSS2-1856H	Recombinant Human TMPRSS2 Protein (106-492 aa), His-tagged	TMPRSS2-His	Human	Yeast
TMPRSS2-4899H	Recombinant Human TMPRSS2, his-tagged	TMPRSS2-His	Human	HEK293


## Other Related Proteins


Cat.No.	Product name	Identity	Species	Source
Spike-193V	Recombinant COVID-19 (2019 novel coronavirus) Spike protein S1 subunit, Mouse IgG1 Fc-tagged	S1-mFc	SARS-CoV-2	Human Cells
Spike-199V	Recombinant 2019-nCoV (2019 novel coronavirus) Spike protein RBD, His/Avi-tagged	S1(RBD)-His/Avi	2019-nCoV	Mammalian cells
Spike-200V	Recombinant 2019-nCoV (2019 novel coronavirus) Spike protein S1, His/Avi-tagged	S1-His/Avi	2019-nCoV	Mammalian cells
Spike-201V	Recombinant SARS-CoV-2 Spike Glycoprotein (S1) protein, Fc-tagged	S1-Fc	SARS-CoV-2	HEK293
Spike-202V	Recombinant SARS-CoV-2 Spike Glycoprotein (S2) protein, Fc-tagged	S2-Fc	SARS-CoV-2	HEK293
Spike-203V	Recombinant SARS Coronavirus Spike Glycoprotein Mosaic (S1) protein	S1	SARS-CoV	E.coli
Spike-204V	Recombinant SARS Coronavirus Spike Glycoprotein Mosaic (S2) protein	S2	SARS-CoV	E.coli
Spike-205V	Recombinant SARS Coronavirus Spike Glycoprotein Mosaic (S2, S2') protein	S2,S2'	SARS-CoV	E.coli
Spike-206V	Recombinant MERS Coronavirus Spike 1 protein (S1), Fc-tagged	S1-Fc	MERS-CoV	HEK293
Spike-207V	Recombinant MERS Coronavirus Spike 1 protein (S1), His-tagged	S1-His	MERS-CoV	E.coli
N-129V	Recombinant SARS-CoV-2 Nucleocapsid phosphoprotein, His-tagged	N-His	SARS-CoV-2	E.coli
N-130V	Recombinant SARS Coronavirus Nucleoprotein, His-tagged	N-His	SARS-CoV	HEK293
N-131V	Recombinant SARS Coronavirus Nucleoprotein, His-tagged	N-His	SARS-CoV	E.coli
N-132V	Recombinant SARS Coronavirus Nucleoprotein (C-Term) or the nucleocapsid core antigen	N	SARS-CoV	E.coli
N-133V	Recombinant SARS Coronavirus Nucleoprotein (N-Term) or the nucleocapsid core antigen	N	SARS-CoV	E.coli
N-134V	Recombinant SARS Coronavirus Nucleoprotein (N-Term, Mid) or the nucleocapsid core antigen	N	SARS-CoV	E.coli
N-135V	Recombinant Human-CoV(229E) Nucleoprotein, His-tagged	N-His	Human-CoV	E.coli
N-136V	Recombinant Human-CoV(NL63) Nucleoprotein, His-tagged	N-His	Human-CoV	E.coli


Cat.No.	Product name	Identity	Species	Source
N01-128V	Recombinant COVID-19 N protein truncated N01, His-tagged	N01-His	SARS-CoV-2	E.coli
N02-129V	Recombinant COVID-19 N protein truncated N02, His-tagged	N02-His	SARS-CoV-2	E.coli
N03-130V	Recombinant COVID-19 N protein truncated N03, His-tagged	N03-His	SARS-CoV-2	E.coli
N04-131V	Recombinant COVID-19 N protein truncated N04, His-tagged	N04-His	SARS-CoV-2	E.coli
N05-132V	Recombinant COVID-19 N protein truncated N05, His-tagged	N05-His	SARS-CoV-2	E.coli
N06-133V	Recombinant COVID-19 N protein truncated N06, His-tagged	N06-His	SARS-CoV-2	E.coli
Envelope-301V	Recombinant SARS Coronavirus Envelope protein	E	SARS-CoV	E.coli
Matrix-201V	Recombinant SARS Coronavirus Matrix (Membrane) protein	Matrix	SARS-CoV	E.coli
NSP1-001V	Recombinant COVID-19 NSP1 protein, His-tagged	NSP1-His	SARS-CoV-2	HEK293
NSP2-191V	Recombinant COVID-19 NSP2 protein, His-tagged	NSP2-His	SARS-CoV-2	HEK293
NSP3-81V	Recombinant COVID-19 NSP3 protein, His-tagged	NSP3-His	SARS-CoV-2	HEK293
NSP4-82V	Recombinant COVID-19 NSP4 protein, His-tagged	NSP4-His	SARS-CoV-2	HEK293
NSP5-11V	Recombinant COVID-19 NSP5 protein, His-tagged	NSP5-His	SARS-CoV-2	HEK293
NSP6-193V	Recombinant COVID-19 NSP6 protein, His-tagged	NSP6-His	SARS-CoV-2	HEK293
NSP7-194V	Recombinant COVID-19 NSP7 protein, His-tagged	NSP7-His	SARS-CoV-2	HEK293
NSP8-196V	Recombinant COVID-19 NSP8 protein, His-tagged	NSP8-His	SARS-CoV-2	HEK293
NSP9-027V	Recombinant COVID-19 NSP9 protein, His-tagged	NSP9-His	SARS-CoV-2	HEK293
NSP10-151V	Recombinant COVID-19 NSP10 protein, His-tagged	NSP10-His	SARS-CoV-2	HEK293
NSP12-662V	Recombinant COVID-19 NSP12 protein, His-tagged	NSP11-His	SARS-CoV-2	HEK293
NSP13-22V	Recombinant COVID-19 NSP13 protein, His-tagged	NSP12-His	SARS-CoV-2	HEK293
NSP14-286V	Recombinant COVID-19 NSP14 protein, His-tagged	NSP13-His	SARS-CoV-2	HEK293
NSP15-592V	Recombinant COVID-19 NSP15 protein, His-tagged	NSP14-His	SARS-CoV-2	HEK293

Cat.No.	Product name	Identity	Species	Source
NSP16-922V	Recombinant COVID-19 NSP16 protein, His-tagged	NSP15-His	SARS-CoV-2	HEK293
ORF3a-2833V	Recombinant COVID-19 ORF3a protein, His-tagged	ORF3a-His	SARS-CoV-2	HEK293
ORF6-847V	Recombinant COVID-19 ORF6 protein, His-tagged	ORF6-His	SARS-CoV-2	HEK293
ORF7a-92V	Recombinant COVID-19 ORF7a protein, His-tagged	ORF7a-His	SARS-CoV-2	HEK293
ORF8-528V	Recombinant COVID-19 ORF8 protein, His-tagged	ORF8-His	SARS-CoV-2	HEK293
ORF10-81V	Recombinant COVID-19 ORF10 protein, His-tagged	ORF10-His	SARS-CoV-2	HEK293
ACE2-229H	Recombinant Human ACE2 protein, His/Avi-tagged	ACE2-His/Avi	Human	Mammalian cells



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