



Omicron Variant Proteins Are Prepared

Recently, South Africa has detected a new mutant of the Sars-CoV-2-B.1.1.529. The World Health Organization (WHO) included B.1.1.529 on the Variant of Concern (VOC), named Omicron.

B.1.1.529 contains at least 50 mutations, 30 of which are on the spike protein (S protein). Not surprisingly, spike protein has become the research and development target of most vaccines. Some of the mutations are known to affect infectivity and immune escape, while others are newly identified. It is currently unknown what will happen when these mutations combine and their effects on the Sars-CoV-2 vaccine.

Creative BioMart provides Omicron-related mutant proteins for scientific researchers to assist mutant research and vaccine development. We will continue to update our catalog to include new mutant proteins. Please contact us for more information.

CAT.NO.	PRODUCT NAME	SOURCE	TAG
Spike-678V	Recombinant COVID-19 Omicron RBD(G339D, S371L, S373P, S375F, K417N, N440K, G446S, S477N, T478K, E484A, Q493R, G496S, Q498R, N501Y, Y505H) protein, His-tagged	HEK293	His
Spike-679V	Recombinant COVID-19 Omicron RBD(G339D, S371L, S373P, S375F, K417N, N440K, G446S, S477N, T478K, E484A, Q493R, G496S, Q498R, N501Y, Y505H) protein, His-Avi-tagged, Biotinylated	HEK293	His-Avi

CAT.NO.	PRODUCT NAME	SOURCE	TAG
Spike-680V	Recombinant COVID-19 Omicron S-ECD protein, His-tagged	HEK293	His
Spike-681V	Recombinant COVID-19 Omicron S-ECD protein, His-tagged	Insect cell	His
Spike-682V	Recombinant COVID-19 Omicron S-ECD protein, His-Avi-tagged, Biotinylated	HEK293	His-Avi
Spike-685V	Recombinant COVID-19 Omicron S1(A67V, Δ69-70, T95I, G142D/Δ143-145, Δ211/L212I, ins214EPE, G339D, S371L, S373P, S375F, K417N, N440K, G446S, S477N, T478K, E484A, Q493R, G496S, Q498R, N501Y, Y505H, T547K, D614G, H655Y, N679K, P681H) protein, His-tagged	HEK293	His
N-686V	Recombinant COVID-19 Omicron N(P13L, E31del, R32del, S33del, R203K, G204R) protein, His-tagged	E.coli	His
Spike-687V	Recombinant COVID-19 Omicron RBD(G339D, S371L, S373P, S375F, K417N, N440K, G446S, S477N, T478K, E484A, Q493K, G496S, Q498R, N501Y, Y505H) protein, His-tagged	HEK293	His
Spike-688V	Recombinant COVID-19 Omicron RBD(G339D, S371L, S373P, S375F, K417N, N440K, G446S, S477N, T478K, E484A, Q493K, G496S, Q498R, N501Y, Y505H) protein, His-Avi-tagged, Biotinylated	HEK293	His-Avi
N-689V	Recombinant COVID-19 Omicron N(A67V, HV69-70del, T95I, G142D, VYY143-145del, N211del, L212I, ins214EPE) protein, His-tagged	HEK293	His

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CAT.NO.	PRODUCT NAME	SOURCE	TAG
S-403S	Recombinant SARS-CoV-2 Spike RBD (L452R, T478K) Protein, Fc-tagged	HEK293	Fc
S-415S	Recombinant SARS-CoV-2 Spike RBD (L452R,T478K) Protein, His-tagged	HEK293	His
S-401S	Recombinant SARS-CoV-2 Spike RBD (L452R, E484Q) Protein, Fc-tagged	HEK293	Fc
S-414S	Recombinant SARS-CoV-2 (2019-nCoV) Spike RBD (L452R, E484Q) Protein, His-tagged	Insect cell	His

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