Active Recombinant COVID
protein(BA.3/Omicron), His

Cat. No. Spike-734V **Lot. No.** (See prod

SPECIFICATION

Product Overview	Recombinant COVID-19 Spike Trimer protein(BA.3/Omicron)(Val 16 - Pro 1213) (Accession # QHD43416.1 (A67V,H69del,V70del,T95I,G142D,V143del,Y144del,Y145del,N211del,L212I,G339D,S371F,S373P,S375F,D40 R685A, F817P, A892P, A899P, A942P, K986P, V987P)), fused with His tag at the C-terminus, was expressed i
Species	Sars-CoV-2
Source	HEK293
ProteinLength	Val 16 - Pro 1213
Form	Lyophilized from 0.22 μm filtered solution in PBS. Normally trehalose is added as protectant before lyophilizatio
Bio-activity	Immobilized SARS-CoV-2 Spike Trimer, His Tag (BA.3/Omicron) at 1 μg/mL (100 μL/well) can bind Human ACI
Molecular Mass	The protein has a calculated MW of 137.7 kDa. The protein migrates as 160-200 kDa under reducing (R) condit
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
Storage	This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state;

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	-70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the

GENE INFORMATION

Gene Name	S surface glycoprotein [Severe acute respiratory syndrome coronavirus 2]
Official Symbol	Spike
Synonyms	Spike; S1 protein; Spike glycoprotein Subunit1; S glycoprotein Subunit1; Spike protein S1; COVID-19 Omicron
Gene ID	43740568
Protein Refseq	YP_009724390.1
UniProt ID	P0DTC2
SDS-PAGE	

SEC-MALS	
Bioactivity-ELISA	

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