

Recombinant COVID-19 Spike Protein RBD(Omicron B1.1.529 Variant)

Cat. No. Spike-4232V Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant COVID-19 Spike Protein RBD(UFO692)(Met1-Ala416) was expressed in HEK293.
Species	Sars-CoV-2
Source	HEK293
Protein Length	Met1-Ala416
Form	Lyophilized from a 0.2 µm filtered solution of PBS containing 0.5 M NaCl, pH 7.4.
Molecular Mass	The protein has a calculated MW of 45.33 kDa. The protein migrates as 45-60 kDa under reducing condition (SDS-PAGE analysis).
Purity	>95% as determined by SDS-PAGE analysis.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 µg/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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Gene Name	S surface glycoprotein [Severe acute respiratory syndrome coronavirus 2]
Official Symbol	S
Synonyms	Spike glycoprotein, S glycoprotein, E2, Peplomer protein
Gene ID	43740568
Protein Refseq	YP_009724390.1
UniProt ID	P0DTC2

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