

Recombinant SARS Spike protein, rFc-tagged

Cat. No. Spike-1966S Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant SARS Spike protein(AAX16192.1)(Arg306-Phe527), fused with rFc tag, was expressed in Insect Cells.
Species	SARS
Source	Insect Cells
ProteinLength	Arg306-Phe527
Form	Lyophilized from sterile 100 mM Glycine, 10 mM NaCl, pH 8.0. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant receptor binding domain (RBD) of SARS-CoV (isolate:WH20) spike comprises 446 amino acids and has a predicted molecular mass of 50.2 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Official Symbol

Spike

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