

Active Recombinant COVID-19 Spike protein, Fc-tagged

Cat. No. Spike-1898V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant COVID-19 Spike protein(QHD43416.1)(Val 16 - Arg 685), fused with Fc tag, was expressed in HEK293.
Species	Sars-CoV-2
Source	HEK293
ProteinLength	Val 16 - Arg 685
Form	Tris, Glycine and NaCl, pH7.5
Bio-activity	Immobilized Biotinylated Human ACE2, His,Avitag at 1 µg/mL (100 µL/well) on Streptavidin precoated (0.5 µg/well) plate,can bind SARS-CoV-2 S1 protein, Fc Tag with a linear range of 0.4-6 ng/mL
Molecular Mass	101.5 kDa
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at:

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

-20°C to -70°C for 12 months in lyophilized state;
-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 vial at 4°C before opening to recover the entire contents.

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