

COVID 19 Spike S Coronavirus Recombinant Protein | COVID-19 recombinant protein

SARS COV2 Spike protein S Recombinant-Fc (AVI tag)

CATALOG #	HOST
AAA76123	HEK Cells (Host protein expression may be lot-specific and can be subject to change during production, including bulk orders)

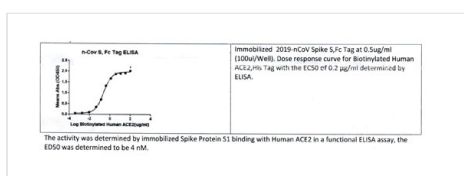
PRODUCT SYNONYMS

COVID 19 Spike S Coronavirus; SARS COV2 Spike protein S Recombinant-Fc (AVI tag); 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; Spike S; AVI tag; COVID-19 recombinant protein

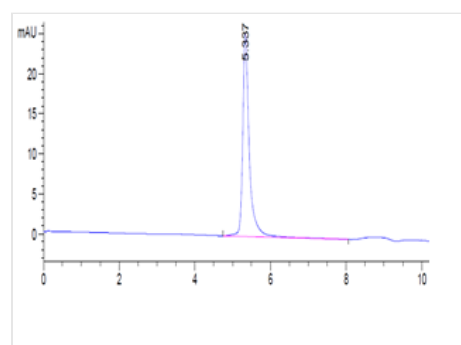
PRODUCT SPECIFICATIONS

Host	HEK Cells (Host protein expression may be lot-specific and can be subject to change during production, including bulk orders)
Purity/Purification	>95% by SDS-PAGE
Form/Format	Recombinant nCoV-2019 Spike S protein was lyophilized from 0.2 µm filtered PBS pH 7.4
Sequence Positions	14-1211
Source Note	DNA sequence encoding the COVID-19 Spike S protein extracellular domain,[14-1211] accession #QHD43416.1 including a C-terminal Fc AVI tag was expressed in HEK Cells. (The furin protease cleavage site was mutated at position 683)
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug(1EU/ug)
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C

IMAGES

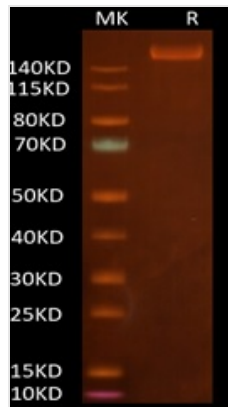


Application Data



HPLC

The purity of 2019-nCoV Spike S is greater than 95% as determined by SEC-HPLC.



PAGE

1ug loaded Tris-Bis PAGE under reducing condition. The purity is greater than 95%.

NCBI AND UNIPROT INFORMATION

Molecular Weight

Recombinant 2019-nCoV Spike S protein is a protein consisting of the S1+S2 subunits with a calculated MW of 160kDa ,due to glycosylation migrates as an approximately 220 kDa protein on SDS-PAGE.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/covid-19-spike-s-coronavirus-recombinant-protein-hek-cells-host-protein-expression-may-be-lot-specific-and-can-be-subject-to-change-during-production-including-bulk-orders/76123>