

SARS-CoV-2 Nucleocapsid (G335A) Active Protein | SARS-CoV-2 active protein

Active Recombinant SARS-CoV-2 Nucleocapsid (G335A) Protein

CATALOG # AAA282464	HOST Baculovirus-Infected Sf9 Cells
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PRODUCT SYNONYMS

SARS-CoV-2 Nucleocapsid (G335A); Active Recombinant SARS-CoV-2 Nucleocapsid (G335A) Protein; Nucleoprotein; SARS-CoV-2 active protein

PRODUCT SPECIFICATIONS

Host	Baculovirus-Infected Sf9 Cells
Purity/Purification	> 90% by SDS-PAGE.
Form/Format	Liquid Supplied as a 0.22 um filtered solution in 20mM Tris, 500mM NaCl, 0.1mM EDTA, 10% glycerol, pH8.0. Contact us for customized product form or formulation.
Species	SARS-CoV-2
Endotoxin	< 0.1 EU/ug of the protein by LAL method.
Tag	N-His
Bioactivity	1. Measured by its binding ability in a functional ELISA. Immobilized Recombinant SARS-CoV-2 Nucleocapsid Protein at 2 ug/mL (100 uL/well) can bind SARS-CoV-2 N Protein Rabbit mAb with a linear range of 0.032-0.79 ng/mL. 2. Measured by its binding ability in a functional ELISA. Immobilized Recombinant SARS-CoV-2 envelope Protein at 2 ug/mL (100 uL/well) can bind Recombinant SARS-CoV-2 Nucleocapsid protein, the EC50 of Recombinant SARS-CoV-2 Nucleocapsid protein is 46.90 ng/mL.
Preparation and Storage	This liquid product is stable at <= 70 degree C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze/thaw cycles. Ship: Dry Ice

IMAGES



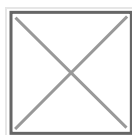
Application Data

Immobilized Recombinant SARS-CoV-2 envelope Protein at 2ug/mL (100 uL/well) can bind Recombinant SARS-CoV-2 Nucleocapsid protein, the EC50 of Recombinant SARS-CoV-2 Nucleocapsid protein is 46.90 ng/mL.



Application Data

Immobilized Recombinant SARS-CoV-2 Nucleocapsid Protein at 2ug/mL (100 uL/well) can bind SARS-CoV-2 N Protein Rabbit mAb with a linear range of 0.032-0.79 ng/mL.



SDS-PAGE

Active Recombinant SARS-CoV-2 Nucleocapsid(G335A) Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 55 kDa.

ADDITIONAL INFORMATION

Related Product Information for SARS-CoV-2 active protein	Active Recombinant SARS-CoV-2 Nucleocapsid(G335A) Protein is produced by Baculovirus-Infected Sf9 Cells expression system. The target protein is expressed with sequence (Ser2-Ala419(Gly335Ala))of sars-cov-2 Nucleocapsid (Accession #QHD43423.2) fused with a 6×His tag at the N-terminus.
Product Categories/Family for SARS-CoV-2 active protein	SARS-CoV-2 antigens

NCBI AND UNIPROT INFORMATION

NCBI GeneID	43740575
UniProt Accession #	P0DTC9

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/baculovirus-infected-sf9-cells-active-protein/sars-cov-2-nucleocapsid-g335a/282464>