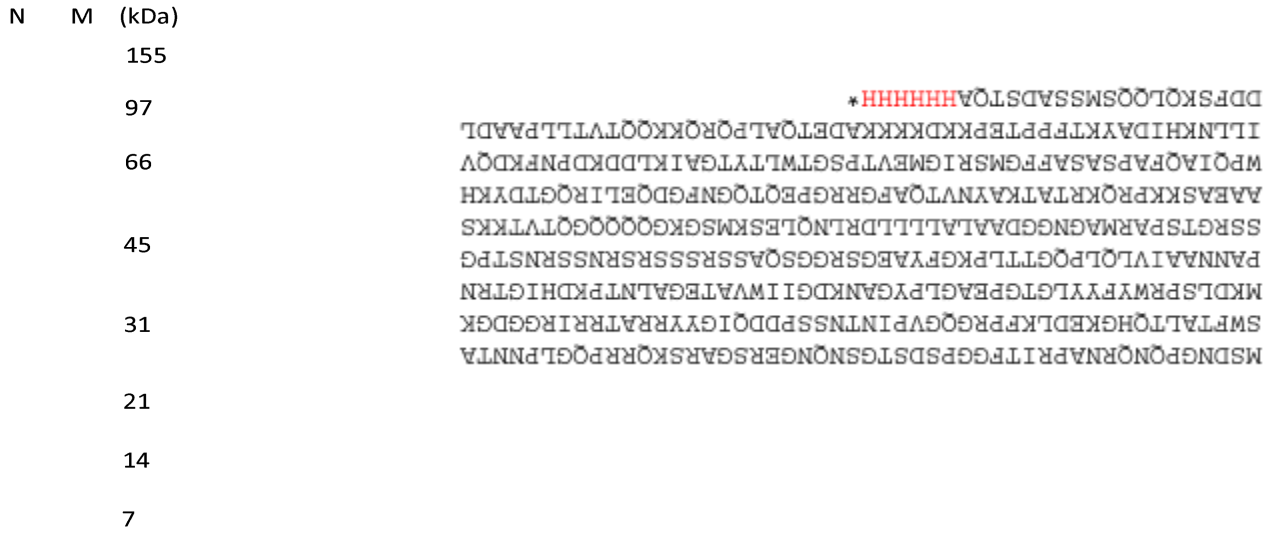
Recombinant SARS-CoV2 Nucleocapsid Protein

Catalog Number: SJB01
Project Number: AGP06082022
Strength: 1.5mg/ml (7 x 1ml/vial)
Accession: YP_009724397

Specifications and Use

Description

Recombinant nucleocapsid protein of the novel coronavirus (SARS-CoV2) was expressed in E coli cells (BL21-DE3) and purified by an affinity column in combination of other chromatograph methods. The resulted protein is a monomeric polypeptide of 425 (419+6) amino acids with a 6His tag at the C-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 50kDa.



Source *E coli*

Molecular Mass Approximately 50kD.

Purity ≥90%, as determined by SDS-PAGE.

Biological Activity Recombinant nucleocapsid protein of SARS-CoV2 is suitable for the studies of antibody generation and other related function assays.

Formulation 20mM Tris-Cl, pH7.9, 20% glycerol, 100mM NaCl, 1mM DTT and 0.5mM EDTA.

Storage The protein sample can be stored under sterile conditions at 2-8°C for one month or at -20℃ to -70℃ for three months without detectable loss of activity.

FOR RESEARCH USE ONLY!!!