

CHAMOT

**新冠病毒蛋白 / SARS-CoV-2 Nucleocapsid Protein,
E.coli**

CM005-100PCoV



CHAMOT

乔默®生物

Specialize In Cytokines



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新冠病毒蛋白 / SARS-CoV-2 Nucleocapsid Protein, E.coli

产品编号	CM005-100PCoV
规格	100 µg

产品简介

背景描述

SARS-CoV-2 is a kind of coronavirus which full name is severe acute respiratory syndrome coronavirus 2. SARS-CoV-2 is contagious that causes the respiratory diseases and lung diseases which make difficulty breathing. SARS-CoV-2 do the spillover event in 2019 because it has genetic diversity. SARS-CoV-2 is composed by four subunits (spike, envelope, membrane and nucleocapsid proteins). Its RNA genome is encapsulated with nucleocapsid protein. The viral envelope is comprised of spike, envelope and membrane protein. SARS-CoV-2 has high affinity to ACE2, which is highly expression in intestines, kidney, and heart.

别称

Nucleoprotein, N, Nucleocapsid protein, NC Protein N

蛋白编码

P0DTC9

分子量

The protein has a calculated MW of 45.62 kDa. The protein migrates about 48 kDa under reducing condition (SDS-PAGE analysis).

表达系统

Escherichia coli

纯度

>95% as determined by SDS-PAGE analysis.

蛋白序列

Met1-Ala419

产品形式

Lyophilized from a 0.2 µm filtered solution of PBS containing 10 mM potassium carbonate, pH 7.4.

产品使用

Centrifuge at 3000 rpm for 5 mins before opening. It is recommended to reconstitute the lyophilized protein in sterile H₂O to a concentration not less than 100 µg/mL and incubate the stock solution at RT for at least 20 min to ensure sufficient re-dissolved.

产品储存/运输

储存

Lyophilized protein should be stored at -20°C for 1 year. Upon reconstitution, store at 2°C to 8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1% BSA, 10%FBS, 5%HSA or 5% trehalose solution), protein aliquots should be stored at -20°C or -80°C for 3-6 months. Avoid repeated freeze/thaw cycles.

运输

Blue Ice

For Research Use or Further Manufacturing Only

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