

CHAMOT

新冠病毒蛋白 / SARS-CoV-2 Nucleocapsid Protein, His-SUMO tag,
HEK293

CM004-20PCoV

CM004-100PCoV



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Product Datasheet

新冠病毒蛋白 / SARS-CoV-2 Nucleocapsid Protein, His-SUMO tag, HEK293

产品编号	CM004-20PCoV	CM004-100PCoV
规格	20 µg	100 µg

产品简介

背景描述 Coronaviruses (Delta B.1.617.2 Variant) are enveloped positive-sense RNA viruses. Spike protein on the viral envelope and the cognate receptor on the surface of host cells that are essential for entry into host cells upon receptor binding and membrane fusion. Spike proteins are target for neutralization antibody, and mediate membrane fusion and virus entry. Trimeric spike protein is about 180 kDa, and contains two subunits, S1 and S2, mediating attachment and membrane fusion.

别称 Nucleoprotein, N, Nucleocapsid protein, NC Protein N

蛋白编码 P0DTC9

分子量 The protein has a calculated MW of 57.17 kDa. The protein migrates as 63-75 kDa under reducing condition (SDS-PAGE analysis).

表达系统 HEK293 cell

纯度 >98% 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, 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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