

CHAMOT

**冠状病毒蛋白 / Human Coronavirus (OC43)
Nucleocapsid Protein, His tag, E. coli**

CM008-100PCoV



CHAMOT

乔默®生物

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冠状病毒蛋白 / Human Coronavirus (OC43) Nucleocapsid Protein, His tag, E. coli

产品编号	CM008-100PCoV
规格	100 µg

产品简介

背景描述

There are seven human coronaviruses have been identified. The common human coronaviruses are four groups, known as 229E (α coronavirus), NL63 (α coronavirus), OC43 (β coronavirus) and HKU1 (β coronavirus). Because the crown-like spikes on the surface of virus, they are named for coronaviruses. HCoV cause the respiratory tract diseases, especially severe in infants and the elderly. The spike protein controlled the infection of target cells and it facilitated entry into cells by binding cellular receptors.

别称

Nucleoprotein 1 Automatic Annotation, Nucleocapsid protein, NC Protein N

蛋白编码

P33469

分子量

The protein has a calculated MW of 50.13 kDa. The protein migrates as 48-63 kDa under reducing condition (SDS-PAGE analysis).

表达系统

Escherichia coli

纯度

>98% as determined by SDS-PAGE analysis.

蛋白序列

Met1-Ile448

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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