

# CHAMOT

**冠状病毒蛋白 / Human Coronavirus (NL63)  
Nucleocapsid Protein, His-SUMO tag, HEK293**

CM001-100PCoV



CHAMOT

乔默®生物

*Specialize In Cytokines*



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## 冠状病毒蛋白 / Human Coronavirus (NL63) Nucleocapsid Protein, His-SUMO tag, HEK293

|      |               |
|------|---------------|
| 产品编号 | CM001-100PCoV |
| 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, N, Nucleocapsid protein, NC Protein N

#### 蛋白编码

Q6Q1R8

#### 分子量

The protein has a calculated MW of 53.79 kDa. The protein migrates about 70-75 kDa under reducing condition (SDS-PAGE analysis).

#### 表达系统

HEK293 cell

#### 纯度

>90% as determined by SDS-PAGE analysis.

#### 蛋白序列

Met1-His377

#### 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 H<sub>2</sub>O 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

Chamot Biotechnology(Shanghai) Co., Ltd. [www.chamot-bio.com](http://www.chamot-bio.com)

Tel: 021-51880030    Mail: [info@chamot-bio.com](mailto:info@chamot-bio.com)    QQ: 864920491