

# CHAMOT

新冠病毒蛋白 / SARS-CoV-2 Spike Protein (S1 Subunit), His tag,  
E. coli

CM006-100PCoV



CHAMOT

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## 新冠病毒蛋白 / SARS-CoV-2 Spike Protein (S1 Subunit), His tag, E. coli

产品编号	规格
CM006-100PCoV	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** Spike glycoprotein, S glycoprotein, E2, Peplomer protein

**蛋白编码** P0DTC2

**分子量** The protein has a calculated MW of 74.34 kDa. The protein migrates as 63-75 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** Val16-Cys671

**产品形式** Lyophilized from a 0.2 µm filtered solution of PBS, pH 8.0.

### 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

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