

CHAMOT

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

CM007-100PCoV



CHAMOT

乔默®生物

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

产品编号	CM007-100PCoV
规格	100 µg

产品简介

背景描述

Coronaviruses 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. Receptor-binding domain (RBD), which is the S protein mediates viral entry into host cells by first binding to a host receptor.

别称

Spike glycoprotein, S glycoprotein, E2, Peplomer protein

蛋白编码

P0DTC2

分子量

The protein has a calculated MW of 26.04 kDa. The protein migrates as 25-35 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

Arg319-Asn541

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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