

# Recombinant Human coronavirus SARS Nucleocapsid Protein ab270825

### 描述

产品名称	重组人冠状病毒SARS Nucleocapsid蛋白
纯度	> 95 % SDS-PAGE.
表达系统	Escherichia coli
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human coronavirus
预测分子量	32 kDa
氨基酸	1 to 49
标签	GST tag C-Terminus
额外的序列信息	SARS Coronavirus Nucleoprotein (N-Term). Contains Nucleocapsid core protein, 1-49 amino acids immunodominant regions.

### 技术指标

Our **Abpromise guarantee** covers the use of **ab270825** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	ELISA
	Western blot
	SDS-PAGE
形式	Liquid

### 制备和贮存

稳定性和存储	Shipped on Dry Ice. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
	pH: 7
	Constituents: 0.35% Sodium chloride, 50% Glycerol (glycerin, glycerine), 0.79% Tris HCl

## 常规信息

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相关性	Severe Acute Respiratory Syndrome (SARS), an emerging disease characterized by atypical pneumonia, has recently been attributed to a novel coronavirus (SARS-CoV). SARS is caused by a human coronavirus, which are the major cause of upper respiratory tract illness in humans, such as the common cold. Coronaviruses are positive stranded RNA viruses, featuring the largest viral RNA genomes known to date (27-31 kb). The spike protein is the main surface antigen of the coronavirus. The most prominent protein in the culture supernatants infected with SARS virus is a 46 kDa nucleocapsid protein. This suggests that the nucleocapsid protein is a major immunogen that may be useful for early diagnostics. The nucleocapsid protein of SARS shares little homology with nucleocapsid proteins of other members of the coronavirus family. Nucleocapsid proteins of other coronavirus have been reported to be involved in forming the viral core and also in the packaging and transcription of the viral RNA.
细胞定位	Inside the virion, complexed with the viral RNA. May be associated with cellular membranes where it participates in viral RNA synthesis and virus budding.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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