

# Recombinant SARS Nucleocapsid Protein (Coronavirus) ab63311

1 图像

描述	
产品名称	重组SARS Nucleocapsid蛋白(Coronavirus)
纯度	> 95 % SDS-PAGE. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture. ab63311 was purified using Ni-NTA chromatography.
内毒素水平	< 0.100 Eu/μg
表达系统	Escherichia coli
Accession	<b><u>P59595</u></b>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
序列	MRGSHHHHHH GMASHMSDNG PQSNQRSAPR ITFGGPTDST DNNQNGGRNG ARPKQRRPQG LPNNTASWFT ALTQHGKEEL RFPRGQGVPI NTNSGPDDQI GYYRRATRRV RGGDGKMKEL SPRWYFYLLG TGPEASLPYG ANKEGIVWVA TEGALNTPKD HIGTRNPNNN AATVLQLPQG TTLPKGFYAE GSRGGSQASS RSSRSRGNS RNSTPGSSRG NSPARMASGG GETALALLLL DRLNQLESKV SGKGQQQQGQ TVTKKSAAEA SKKPRQKRTA TKQYNVTQAF GRRGPEQTQG NFGDQDLIRQ GTDYKHWPQI AQFAPSASAF FGMSRIGMEV TPSGTWLTYH GAIKLDDKDP QFKDNVILLN KHIDAYKTFP PTEPKDKKKK KTDEAQPLPQ RQKKQPTVTL LPAADMDDFS RQLQNSMSG A SADSTQA
预测分子量	48 kDa including tags
氨基酸	16 to 437
标签	His tag N-Terminus
技术指标	

Our **Abpromise guarantee** covers the use of **ab63311** in the following tested applications.

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

应用	Western blot SDS-PAGE
形式	Lyophilized
补充说明	Reconstituted protein can be stored at 4 °C for a week.

## 制备和贮存

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**稳定性和存储** Shipped at 4°C. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. Please see notes section.

Constituent: 0.082% Sodium acetate

**复溶** Add 0.1M Acetate buffer pH4 to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. For conversion into higher pH value, we recommend intensive dilution by relevant buffer to a concentration of 10µg/ml. In higher concentrations the solubility of this antigen is limited.

## 常规信息

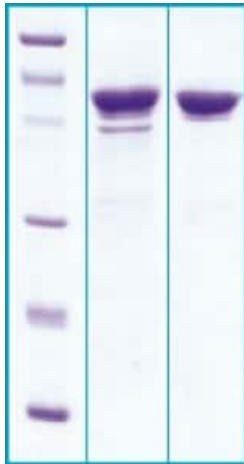
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**相关性** Severe Acute Respiratory Syndrome (SARS), an emerging disease characterized by atypical pneumonia, has recently been attributed to a novel coronavirus (SARS-CoV). SARS is caused by a human coronavirus, which are the major cause of upper respiratory 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.

## 图片

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1. MW marker – 14, 21, 31, 45, 66, 97 kDa
2. reduced and heated sample, 5µg/lane
3. non-reduced and non-heated sample, 5µg/lane

SDS-PAGE - Recombinant SARS Nucleocapsid Protein (Coronavirus) (ab63311)

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

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