

Recombinant SARS Nucleocapsid Protein (Coronavirus) ab63311

画像数 1

製品の詳細

製品名	Recombinant SARS Nucleocapsid Protein (Coronavirus)		
精製度	> 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.		
エンドトキシン・レベル	< 0.100 Eu/μg		
発現系	Escherichia coli		
アクセッション番号	P59595		
タンパク質長	Full length protein		
Animal free	No		
由来	Recombinant		
配列	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		
予測される分子量	48 kDa including tags		
領域	16 to 437		
タグ	His tag N-Terminus		

特性

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.

アプリケーション

Western blot

SDS-PAGE

製品の状態

Lyophilized

備考

Reconstituted protein can be stored at 4 °C for a week.

前処理および保存

保存方法および安定性

Shipped at 4°C. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. Please see notes section.

Constituent: 0.082% Sodium acetate

再構成

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.

関連情報

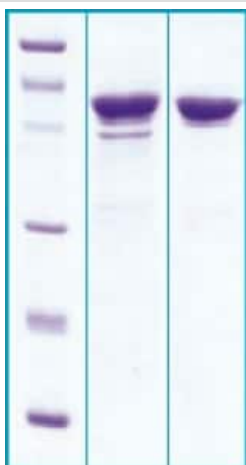
関連性

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.

細胞内局在

Inside the virion, complexed with the viral RNA. May be associated with cellular membranes where it participates in viral RNA synthesis and virus budding.

画像



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

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

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

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