

Product datasheet

# Recombinant human coronavirus SARS-CoV-2 Nsp14 methyltransferase protein (Active) ab277616

[2 Images](#)

Description

<b>Product name</b>	Recombinant human coronavirus SARS-CoV-2 Nsp14 methyltransferase protein (Active)	
<b>Biological activity</b>	The specific activity of ab277616 was 14.1 nmol/min/mg as per the activity assay protocol.	
<b>Purity</b>	> 80 % SDS-PAGE.	
<b>Expression system</b>	Escherichia coli	
<b>Accession</b>	<a href="#">P0DTD1</a>	
<b>Protein length</b>	Full length protein	
<b>Animal free</b>	Yes	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human coronavirus	
<b>Sequence</b>	<p>AENVTGLFKD CSKVITGLHP TQAPTHLSVD            TKFKTEGLCV DIPGIPKDMT YRRLISMMGF            KMNYQVNGYP NMFITREEAI RHVRAWIGFD            VEGCHATREA VGTNLPLQLG FSTGVNLVAV            PTGYVDT PNN TDFSRVSAKP PPGDQFKHLI            PLMYKGLPWN VVRIKIVQML SDTLKNLSDR            VVFLVWAHGF ELTSMKYFVK IGPERTCCLC            DRRATCFSTA SDTYACWHHS IGFDYVYNPF            MIDVQQWGFT GNLQSNHDLY CQVHGNAHVA            SCDAIMTRCL AVHECFVKRV DWTIEYPIIG DELKINAACR            KVQHMMVKAA LLADKFPVLH DIGNPKAIKC            VPQADVEWKF YDAQPCSDKA YKIEELFYSY            ATHSDKFTDG VCLFWNCNVD RYPANSIVCR            FDTRVLSNLN LPGCDGGS LY VNKHAFHTPA            FDKSAFVNK QLPFFYSDS PCESHGKQVV            SDIDYVPLKS ATCITRCNLG GAVCRHHANE            YRLYLDAYNM MISAGFSLWW YKQFDTYNLW NTFTRLQ</p>	
<b>Molecular weight information</b>	60 kDa by SDS-PAGE	
<b>Amino acids</b>	5926 to 6452	
<b>Tags</b>	His tag C-Terminus	
<b>Additional sequence information</b>	The gene accession number is QHD43415.	

## Description

Recombinant human coronavirus SARS Nsp14 protein (Active)

## Specifications

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Our [Abpromise guarantee](#) covers the use of **ab277616** in the following tested applications.

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

### Applications

Functional Studies

SDS-PAGE

### Form

Liquid

## Preparation and Storage

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### Stability and Storage

Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.

pH: 7.00

Preservative: 1.02% Imidazole

Constituents: 25% Glycerol (glycerin, glycerine), 1.75% Sodium chloride, 1.34% Sodium phosphate, 0.0038% DTT, 70.8662% Water

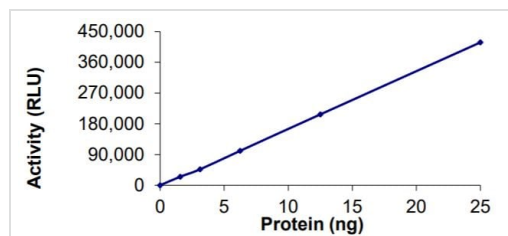
This product is an active protein and may elicit a biological response in vivo, handle with caution.

## General Info

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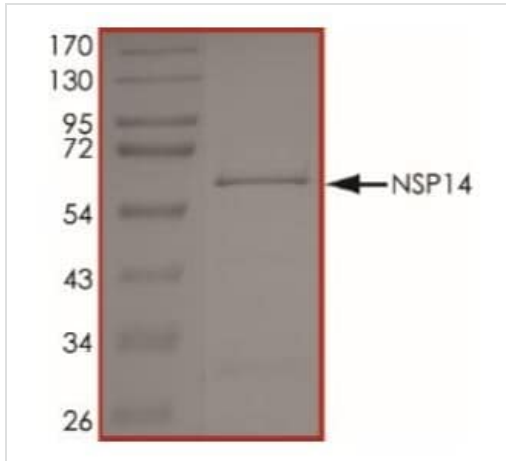
## Images

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The specific activity of ab277616 was 14.1 nmol/min/mg in a methyltransferase activity assay using an RNA cap structure analog - G(5')ppp(5')A - as substrate.

Functional Studies - Recombinant human coronavirus SARS Nsp14 methyltransferase protein (ab277616)



SDS-PAGE analysis of ab277616.

SDS-PAGE - Recombinant human coronavirus  
SARS Nsp14 methyltransferase protein (ab277616)

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

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