



# Recombinant SARS-CoV-2 Active NSP13 [His] (DAGC205A)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Recombinant SARS-CoV-2 Active NSP13 is produced by E.coli expression system and the target gene encoding Ala5325-Gln5925 is expressed with N-His Tag.
<b>Species</b>	SARS-CoV-2
<b>Purity</b>	> 80 % as determined by SDS-PAGE.
<b>Conjugate</b>	His
<b>Applications</b>	SDS-PAGE
<b>Molecular Weight</b>	69.1 kDa
<b>Format</b>	Liquid
<b>Size</b>	10 µg
<b>Buffer</b>	50 mM Tris-HCl, pH 7.5, with 5 µM zinc chloride, 1 mM DTT, 1 mM EDTA, and 10% glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -80°C.

## BACKGROUND

<b>Introduction</b>	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV2) is comprised of a large single stranded positive polarity RNA genome that acts as messenger RNA after entering the host. Post infection, the ssRNA encodes two open reading frames, produced through host ribosomal frameshifting that transcribes two
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polyprotein products. The polyprotein products are subsequently cleaved into 27 viral proteins by internally encoded proteases. Further processing of the polyprotein releases an RNA-polymerase along with several non-structural proteins that facilitate RNA synthesis and may play a role in the enveloping process but are not included in the viral coat.

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<b>Keywords</b>	SARS-CoV-2 NSP13; SARS-CoV-2
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