



Recombinant SARS-CoV-2 NSP13 [His] (DAGC205)

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

PRODUCT INFORMATION

Product Overview	Recombinant SARS-CoV-2 NSP13 is produced by E.coli expression system and the target gene encoding Ala5325-Gln5925 is expressed with N-His Tag.
Species	SARS-CoV-2
Purity	> 90 % as determined by SDS-PAGE.
Conjugate	His
Applications	Immunogen
Molecular Weight	Predicted molecular weight 69.15kDa
Format	Liquid/Lyophilized
Size	100 µg
Buffer	Supplied as solution form in PBS, pH 7.5, 0.02% NLS/Supplied as lyophilized from PBS,pH 7.5, 0.02% NLS
Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.

BACKGROUND

Introduction	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV2) is comprised of a large single stranded positive polarity RNA genome
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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 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.

Keywords	SARS-CoV-2 NSP13; SARS-CoV-2
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