



Recombinant SARS-CoV-2 NSP12 [GST] (DAGC202)

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

PRODUCT INFORMATION

Product Overview	Recombinant SARS-CoV-2 NSP12 is produced by E.coli expression system and the target gene encoding Asp4891-Val5212 is expressed with N-GST Tag.
Species	SARS-CoV-2
Purity	> 90 % as determined by SDS-PAGE.
Conjugate	GST
Applications	Immunogen
Molecular Weight	Predicted molecular weight 64kDa
Format	Liquid
Size	100 µg
Buffer	Supplied as solution form in 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	NSP12 RNA-dependent RNA polymerase (RdRP, RDR, RNA replicase) is an enzyme that catalyzes the replication of RNA from an RNA template. RdRp is a crucial viral enzyme in the life cycle of RNA viruses. In all positive-strand RNA viruses, including SARS-CoV and SARS-
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CoV-2, RdRP constitutes the central catalytic subunit of the machinery involved in RNA synthesis and catalyzes the replication and transcription of the RNA genome

Keywords

SARS-CoV-2 NSP12; SARS-CoV-2
