



Recombinant SARS-CoV-2 NSP10 [His] (DAGC170)

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

PRODUCT INFORMATION

Product Overview	Recombinant SARS-CoV-2 NSP10 is produced by our E.coli expression system and the target gene encoding Ala1-Gln139 is expressed with a 6His tag at the N-terminus.
Species	coronavirus
Purity	Greater than 80% as determined by reducing SDS-PAGE.
Conjugate	His
Molecular Weight	17.9kDa
Format	Liquid
Size	50 µg
Buffer	Supplied as a 0.2 um filtered solution of PBS, 10% Glycerol, pH 7.4.
Preservative	None
Storage	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.

BACKGROUND

Introduction	Nsp10 have shown that it is a 15-kDa protein of unknown function that has been shown to interact with itself, nsp1, and nsp7. It colocalizes with N to sites of viral replication and is essential for replication. It plays a pivotal role in viral transcription by stimulating both nsp14 3'-5' exoribonuclease and nsp16 2'-O-methyltransferase activities. Therefore plays an essential role in viral mRNAs cap methylation. Nsp10 is a critical regulator of coronavirus RNA synthesis and may play an important role in polyprotein processing.
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Keywords

SARS-CoV-2 NSP10; SARS-CoV-2
