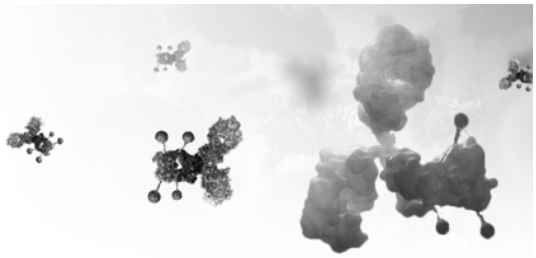

Recombinant SARS-CoV-2 ORF3b Protein (a.a. 1-151) [MBP] (DAGC500)

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

PRODUCT INFORMATION

Species	SARS-CoV-2
Purity	0.7
Conjugate	MBP
Applications	ELISA, WB
Molecular Weight	61 kDa
Format	Liquid
Size	100 µg
Buffer	50 mM Tris-HCl pH 7.5, 270 mM Sucrose, 150 mM NaCl, 0.1 mM EGTA, 0.1 % 2-mercaptoethanol, 0.03 % Brij-35
Preservative	None
Storage	Store at -70°C.

BACKGROUND

Introduction	The SARS-CoV-2 (COVID-19) coronavirus genome has 89% sequence similarity with the bat SARS-like CoVZXC21 coronavirus, and 82% similarity with human SARS-CoV coronavirus. The orf1a/b, S, E, M, and N proteins also share a high degree of phylogenetic similarity with bat, civet, and human SARS coronaviruses. Notable differences in sequence are found in the SARS-CoV-2 spike protein's receptor binding domain, which has only 40% amino acid overlap with other related viruses. Furthermore, the SARS-CoV-2 orf3b protein represents a completely

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	novel short protein.
Keywords	SARS-CoV-2 ORF3b; SARS-CoV-2; SARS-CoV-2 ORF3b protein

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