

Recombinant SARS-CoV-2 3C-like Proteinase [His] (DAGC166)

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

PRODUCT INFORMATION

Product Overview	Recombinant SARS-CoV-2 3C-like Proteinase is produced by our E.coli expression system and the target gene encoding Ser1-Gln306 is expressed with a 6His tag at the N-terminus.
Nature	Recombinant
Expression System	E.coli
Species	coronavirus
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Conjugate	His
Endotoxin	Less than 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Procedure	1mM EDTA
Format	Liquid
Size	50 μg
Buffer	Supplied as a 0.2 um filtered solution of PBS, 1mM EDTA, 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	The viral main proteinase (M pro , also called 3CL pro), which controls the activities of the

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	coronavirus replication complex. It functions as a cysteine protease engaging in the proteolytic cleavage of the viral precursor polyprotein to a series of functional proteins required for coronavirus replication and is considered as an appealing target for designing anti-SARS agents.
Keywords	M Proteinase; 3CL Proteinase; SARS-CoV 2; SARS-CoV 2 3CL pro

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