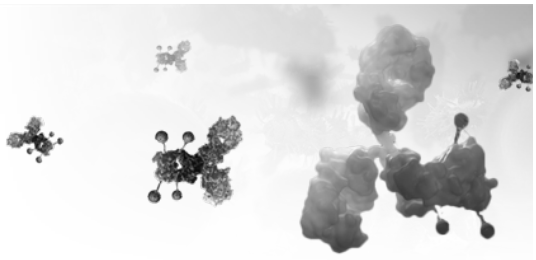

Recombinant SARS-CoV-2 NSP9 [hFC] (DAGC348)

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

PRODUCT INFORMATION

Product Overview	Recombinant Severe acute respiratory syndrome coronavirus 2 Non-structural protein 9(nsp9), C-terminal hFC-Flag-tagged.
Species	SARS-CoV-2
Purity	Greater than 90% as determined by SDS-PAGE.
Conjugate	hFC
Applications	ELISA
Molecular Weight	44.5 kDa
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Format	Lyophilized
Size	20 µg, 100 µg, 500 µg
Buffer	The buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Preservative	None
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

BACKGROUND

Introduction	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV2) is comprised of a large single stranded positive polarity RNA genome 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 NSP9; SARS-CoV-2

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