

Recombinant Full Length Canine Coronavirus Non-Structural Protein 7A(7A) Protein, His-Tagged

Cat. No. RFL540CF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Canine coronavirus Non-structural protein 7a(7a) Protein (Q7T6S7) (24-101aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Canine coronavirus
Source	E.coli
ProteinLength	Full Length of Mature Protein (24-101)
Form	Lyophilized powder
AA Sequence	LERLLLNHSLNLKTVNNVLGVTDGTGLKVNCLQLLKPDCLDFNILYRSLAETRLLKVVLRLV IFLVLLGFCCHRLLVTLF
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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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.

GENE INFORMATION

Gene Name	7a
Synonyms	7a; Non-structural protein 7a; ns7a; 11 kDa protein; Accessory protein 7a; X3 protein
UniProt ID	Q7T6S7

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