

Recombinant FIPV Nucleocapsid Protein, His tagged

Cat. No. N-007F Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant FIPV nucleocapsid protein with 6xHis tag that was purified from E. coli.
Species	FIPV
Source	E.coli
Description	Packages the positive strand viral genome RNA into a helical ribonucleocapsid (RNP) and plays a fundamental role during virion assembly through its interactions with the viral genome and membrane protein M. Plays an important role in enhancing the efficiency of subgenomic viral RNA transcription as well as viral replication.
Tag	6xHis
Form	Lyophilized
Molecular Mass	45 kDa
Purity	>90%
Applications	ELISA
Storage	Lyophilized material should be kept at 2-8 centigrade until rehydrated and will remain stable for a minimum of 2 years. Rehydrate by adding 0.5 mL of reagent quality water to the product vial. Store the liquid solution at 2-8 centigrade for up to a week; thereafter, aliquots should be prepared and stored frozen. Stable for a minimum of 1

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year at -20 to -80 centigrade. Multiple freeze-thaw cycles are not recommended.

Expiration 12 months from shipping date.

Storage Buffer PBS buffer with non-protein stabilizer. No Preservatives Added.

GENE INFORMATION

Gene Name N nucleocapsid protein [Feline infectious peritonitis virus]

Official Symbol N

Synonyms N; nucleocapsid protein; major structural protein

Gene ID 10040186

Protein Refseq YP_004070199

UniProt ID P25909

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