

SARS-CoV Nucleocapsid (N) Protein, Recombinant from *E. coli*

Catalog No. NR-699

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Product Description:

Recombinant SARS-CoV nucleocapsid (N) protein was expressed in *E. coli* and purified using a novel SUMO fusion system.¹

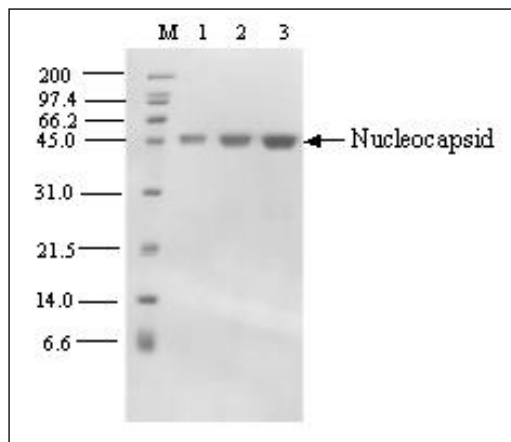
Lot: 22805

Manufacturing Date: FEB2005

TEST	SPECIFICATIONS	RESULTS
SDS-PAGE (Coomassie Blue densitometer scan)	Report results	~ 46,000 Da > 95% pure (see Figure 1)
Identification by Western Blot Rabbit polyclonal antisera to SUMO-nucleocapsid fusion Rabbit polyclonal antisera to SUMO-3CL protease fusion	Reactive Not reactive	Reactive Not reactive
Concentration by Bradford Assay	Report results	1.08 mg/mL
Endotoxin Content (Limulus Amoebocyte Lysate assay)	Report results	< 500 EU/mg

¹LifeSensors Inc., Malvern, PA.

Figure 1



Purified SARS-CoV nucleocapsid protein was run on a 15% SDS-PAGE and stained by Coomassie Blue.

Lanes: M: Molecular weight markers; 1-3: 2 µg, 4 µg, and 6 µg of the protein, respectively. Arrow highlights the nucleocapsid protein band.

Date: 15 SEP 2005

Signature: Signature on File

Title: Technical Manager, BEI Authentication

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