

Nucleocapsid (N) Protein from Rift Valley Fever Virus, Recombinant from Baculovirus

Catalog No. NR-12121

This reagent is the tangible property of the U.S. Government.

Product Description: Recombinant nucleocapsid protein from Rift Valley fever virus was produced in Sf9 insect cells using a baculovirus expression vector system and purified by centrifugation through a 20% sucrose cushion followed by polymyxin B chromatography.

Lot: 61556359

Manufacturing Date: 14FEB2013

TEST	SPECIFICATIONS	RESULTS
Appearance	Clear and colorless, no particulate matter	Clear and colorless, no particulate matter
SDS-PAGE Densitometry Scan	Protein band of interest represents >90% of total staining above background	Protein band of interest represents >95% of total staining above background (Figure 1)
Concentration by Bradford Assay ¹	Report results	1.36 mg per mL
Final Product Quantity per vial Volume per vial	Report results Report results	211 µg 155 µL
Size Exclusion Chromatography	Protein elutes in the void volume of a Superdex 200 HR 10/300 column	Protein elutes in void volume and represents 93.5% of the total peak area
Endotoxin Content by Limulus Ameobocyte Lysate (LAL) Assay	Report results	Less than 0.1 EU per mL
Filtration	Report results	0.22 µm filtered

¹Using BSA as a standard

Date: 08 JUL 2013

Signature:



Title:

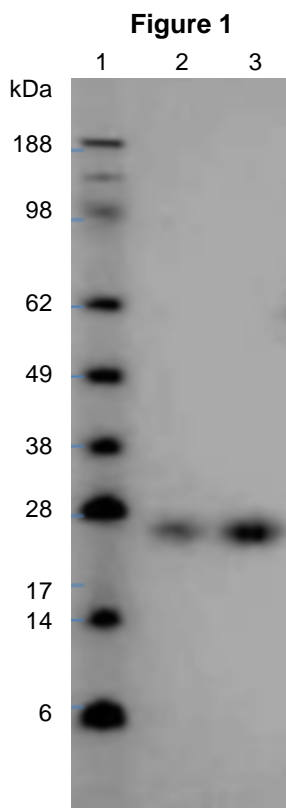
Technical Manager, BEI Authentication or designee

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.





Lane 1: SeeBlue[®] Marker (Invitrogen)
Lane 2: 1 µg NR-12121
Lane 3: 2 µg NR-12121