

**Vaccinia Virus (WR) A27L Protein with C-Terminal Histidine Tag, Recombinant from Baculovirus**

**Catalog No. NR-22133**

**Product Description:** A full-length recombinant form of the A27L membrane glycoprotein of the Western Reserve (WR) strain of vaccinia virus containing a C-terminal histidine-tag was produced in Sf9 insect cells using a baculovirus expression system and purified using nickel affinity chromatography. The full length A27L protein is 110 residues.

**Lot: 59900053**

**Manufacturing Date: 26APR2011**

TEST	SPECIFICATIONS	RESULTS
Appearance	Report results	Clear and slightly brownish in color, with no particulate matter
SDS-PAGE (Coomassie Blue densitometer scan)	Dominant band near 15 kDa marker accounts for $\geq 95\%$ of staining intensity	Dominant band near 15 kDa marker accounts for $\geq 95\%$ of staining intensity (Figure 1)
<b>Identification and Functional Activity by Western Blot Analysis (Reducing Conditions)</b> Mouse monoclonal antibody to VV (WR) A27L Mouse monoclonal antibody to VV (WR) L1R	Report results Report results	Reactive (Figure 2) <sup>1</sup> Not reactive <sup>2</sup>
Protein Content	Report results	0.13 mg
Concentration by Bradford Assay <sup>3</sup>	Report results	1.48 mg/mL

<sup>1</sup>BEI Resources NR-569

<sup>2</sup>BEI Resources NR-566

<sup>3</sup>Using BSA as a standard

**Date:** 21 JUN 2011

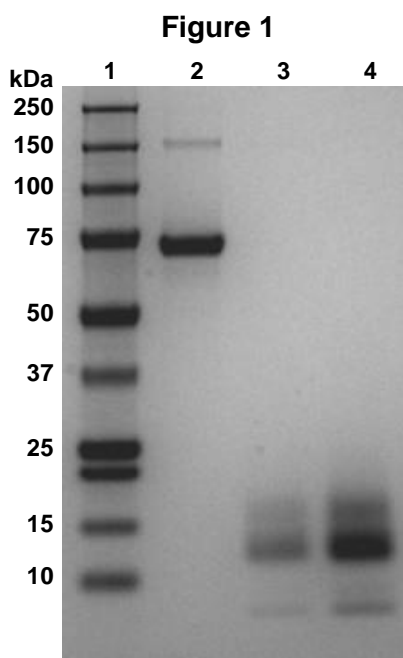
**Signature:** 

**Title:** Technical Manager, BEI Authentication or designee

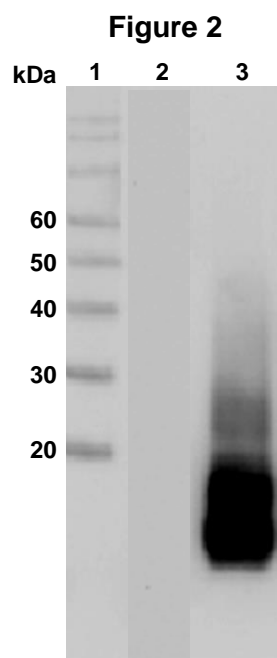
ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s 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: Precision Plus Protein™  
marker (BioRad 161-0373)  
Lane 2: 2 µg BSA  
Lane 3: 1.5 µg NR-22133  
Lane 4: 3 µg NR-22133



Lane 1: Magic Mark™ XP (Invitrogen LC 5602)  
Lane 2: NR-566 (mouse monoclonal anti-L1R)  
Lane 3: NR-569 (mouse monoclonal anti-A27L)