

Vaccinia Virus (WR) F9L Protein with C-terminal Histidine Tag, Recombinant from baculovirus

Catalog No. NR-2626

Product Description: NR-2626 is a recombinant form of the F9L membrane glycoprotein (F9L_t; residues 1 to 175, C-terminal histidine-tagged) of the Western Reserve (WR) strain of vaccinia virus. NR-2626 was produced in cabbage looper (*Trichoplusia ni*) insect larvae using a baculovirus expression vector system¹ and was purified using nickel affinity chromatography.

Lot: 5051777

Manufacturing Date: 05MAY2006

TEST	SPECIFICATIONS	RESULTS
SDS-PAGE (Coomassie Blue densitometer scan)	Dominant band near 21-kDa marker ≥ 95% pure	Dominant band near 21-kDa marker ≥ 99% pure (see Figure 1)
Identification by Western Blot Rabbit polyclonal antiserum to F9L ² Mouse monoclonal antibodies to A27L ³	Reactive Not reactive	Reactive (see Figure 2) Not reactive
Demonstration of Protein Glycosylation	Size reduction of protein observed on SDS-PAGE when treated with de-glycosylating enzymes N-glycosidase F	Size reduction of protein observed on SDS-PAGE when treated with de-glycosylating enzyme N-glycosidase F (see Figure 3)
Concentration by Spectrophotometer at OD₂₈₀	1.0 mg/mL ± 0.1 mg/mL	1.0 mg/mL

¹PERLXpress™, Chesapeake Protein Expression and Recovery Labs (PERL).

²Provided by the contributors and designated R192.

³BEI Resources NR-567 to NR-569.

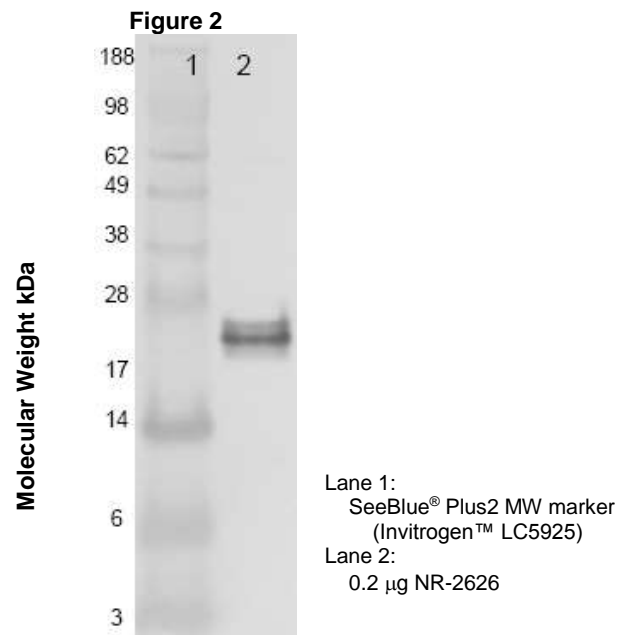
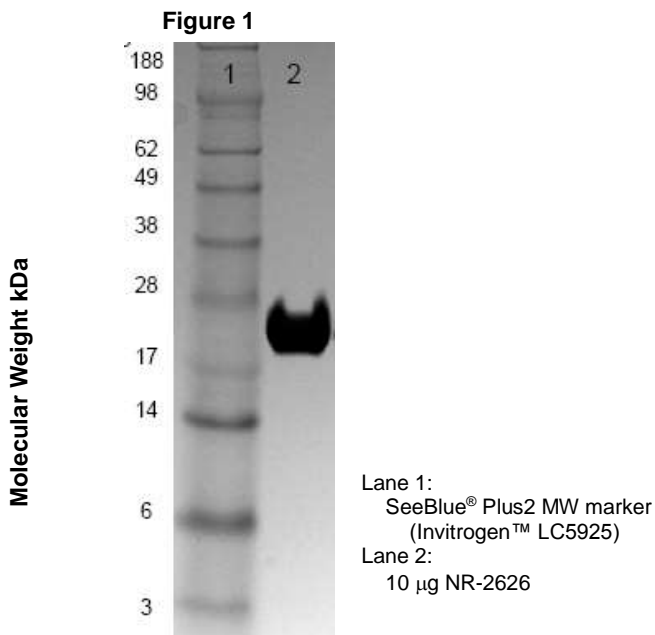
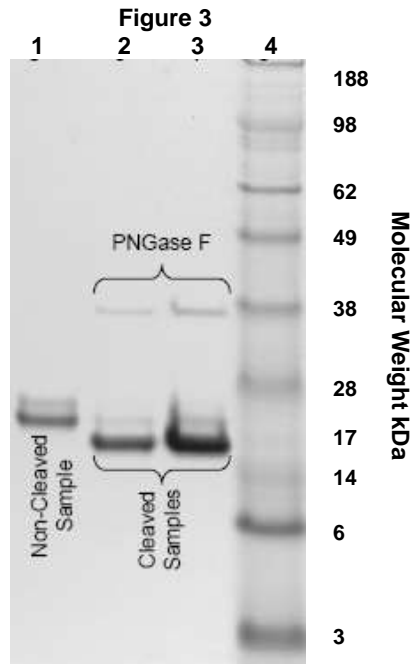


Figure 3

Lane 1:
 ~ 2.5 µg Negative control PNGase
 Lane 2:
 ~ 2.5 µg PNGase F digestion
 Lane 3:
 ~ 5 µg PNGase F digestion
 Lane 4:
 SeeBlue® Plus2 MW markers
 (Invitrogen™ LC5925)



Date: 15 SEP 2006

Signature: Signature on File

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