

Vaccinia Virus (WR) A33R Protein with C-terminal Histidine Tag, Recombinant from baculovirus

Catalog No. NR-545

Product Description: NR-545 is a recombinant form of the A33R membrane glycoprotein (A33Rt; residues 58 to 185, C-terminal histidine-tagged) of the Western Reserve (WR) strain of vaccinia virus. NR-545 was produced in Sf9 insect cells using a baculovirus expression system and was purified using ammonium sulfate precipitation and nickel affinity chromatography.

Lot: 4172642

Manufacturing Date: 14OCT2005

TEST	SPECIFICATIONS	RESULTS
SDS-PAGE (Coomassie Blue densitometer scan)	Dominant band near 15K MW marker; minor band between 10K and 15K marker	Dominant band (~80%) near 15K MW marker; minor band between 10K and 15K marker
Concentration by Spectrophotometer at OD₂₈₀	1.0 mg/mL ± 5%	1.0 mg/mL
Functional Activity ELISA assay	Reactive with human polyclonal anti-vaccinia virus immune globulin (VIG) and monoclonal antibody to A33R ¹	Reactive with human polyclonal anti-vaccinia virus immune globulin (VIG) and monoclonal antibody to A33R ¹
Sterility Using Direct Inoculation Method	No growth	No growth
Mycoplasma Contamination	None detected	None detected

¹BEI Resources NR-777.

Date: 03 JAN 2006

Signature: Signature on File

Title: Technical Manager, BEI Authentication

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