

**H3 Hemagglutinin (HA) Protein from Influenza Virus, A/Uruguay/716/2007 (H3N2), Recombinant from Baculovirus**

**Catalog No. NR-15168**

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

**Product Description:** The H3 hemagglutinin (HA) protein from influenza virus A/Uruguay/716/2007 (H3N2) is a full-length glycosylated recombinant protein that was produced in ExpresSF+<sup>®</sup> insect cells using a baculovirus expression vector system.<sup>1</sup> The recombinant HA protein was purified under conditions that preserve its biological activity and tertiary structure.

**Lot: 61456798**

**Manufacturing Date: 12FEB2013**

TEST	SPECIFICATIONS	RESULTS
SDS-PAGE (Coomassie Blue Densitometer Scan)	≥ 90% pure	> 90% pure
Concentration by Bicinchoninic Acid Protein Assay	Report results	585 µg per mL
HA Activity	Report results	64 HA units per µg
Endotoxin Content	Report results	0.6 EU per mL
Bioburden	Report results	< 10 colony-forming units per mL

<sup>1</sup>U.S. Patent Numbers 5,762,939 and 6,103,526.

**Date:** 25 JUN 2013

**Signature:** *Dorothy C. Young*

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

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