

**H1 Hemagglutinin (HA) Protein from Influenza Virus, A/New Caledonia/20/1999 (H1N1), Recombinant from Baculovirus**

**Catalog No. NR-42022**

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

**Product Description:** The H1 hemagglutinin (HA) protein from influenza virus A/New Caledonia/20/1999 (H1N1) is a full-length glycosylated recombinant protein that was produced in Sf9 insect cells using a baculovirus expression vector system.<sup>1</sup> The recombinant H1 HA protein was purified under conditions that preserve its biological activity and tertiary structure.

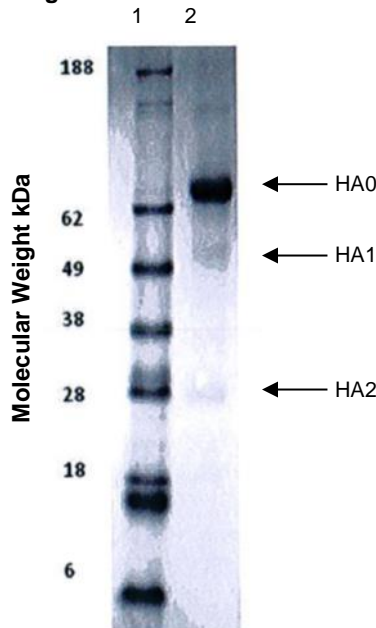
**Lot: 61331627**

**Manufacturing Date: DEC2012**

TEST	SPECIFICATIONS	RESULTS
SDS-PAGE (Coomassie Blue Densitometer Scan)	≥ 90% pure	> 90% pure
Concentration by Bicinchoninic Acid Protein Assay	Report results	205 µg per mL
HA Activity Using Chicken Red Blood Cells	Report results	256 HA units per µg
Endotoxin Content	Report results	< 125 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.

Figure 1 – SDS-PAGE



Lane 1: MW marker (Invitrogen™)  
Lane 2: 1 µg NR-42022

## Certificate of Analysis for NR-42022

**Date:** 23 JAN 2013

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

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

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