

H1 Hemagglutinin (HA) Protein from Influenza Virus, A/California/04/2009 (H1N1)pdm09, Recombinant from Baculovirus

Catalog No. NR-13691

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Product Description: The H1 hemagglutinin (HA) protein from influenza virus A/California/04/2009 (H1N1)pdm09 is a full-length glycosylated recombinant protein that was produced in ExpresSF+[®] insect cells using a baculovirus expression vector system.¹ Recombinant H1 HA protein was purified under conditions that preserve its biological activity and tertiary structure.

Lot: 61585444

Manufacturing Date: 18APR2013

TEST	SPECIFICATIONS	RESULTS
SDS-PAGE (Coomassie Blue Densitometer Scan)	≥ 90% pure	≥ 90% pure
Concentration by Bicinchoninic Acid Protein Assay	Report results	380 µg per mL
HA Activity	Report results	0.8 HA units per µg total protein
Endotoxin Content	Report results	< 1.25 EU per mL
Bioburden	Report results	< 10 colony-forming units per mL

¹U.S. Patent Numbers 5,762,939 and 6,103,526.

Date: 16 JUL 2013

Signature: *Dorothy C. Young*

Title: Technical Manager, BEI Authentication or designee

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