

H1 Hemagglutinin (HA) Protein with C-Terminal Histidine Tag from Influenza Virus, A/Brisbane/59/2007 (H1N1), Recombinant from Baculovirus

Catalog No. NR-28607

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

Product Description: A recombinant form of the H1 hemagglutinin (HA) protein from influenza A virus, A/Brisbane/59/2007 (H1N1) containing a C-terminal histidine tag was produced in High Five™ insect cells using a baculovirus expression vector system and was purified by nickel affinity chromatography.

Lot: 61695140

Manufacturing Date: 09JUL2013


TEST	SPECIFICATIONS	RESULTS
Appearance	Clear and colorless	Clear and colorless
SDS-PAGE	Report results	Theoretical MW ~ 63 kDa Dominant band of ~ 75 kDa observed (Figure 1): difference likely due to post-translational modification
Concentration by Bradford Assay¹	Report results	867 µg per mL
Final Product Quantity per vial Volume per vial	Report results Report results	57.0 µg 65.8 µL
Functional Activity Hemagglutination activity using 0.5% turkey red blood cells Western blot analysis Polyclonal anti-H1 HA ² Monoclonal anti-histidine tag ³	Report results Reactive Reactive	Positive Reactive (Figure 2) Reactive (Figure 3)
Filtration	Report results	0.22 µm filtered

¹Using BSA as a standard

²BEI Resources NR-28613

³R & D Systems® (Cat. No. MAB050) (IgG₁)

Date: 27 JUN 2017

Signature: 

BEI Resources Authentication

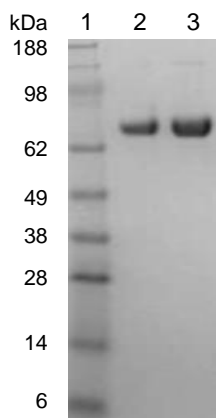
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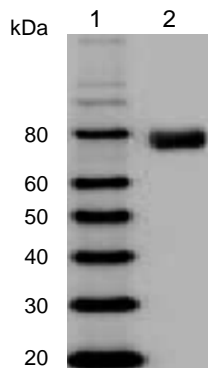


Figure 1 – SDS-PAGE



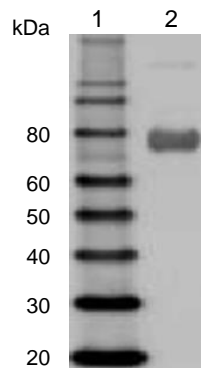
Lane 1: SeeBlue® Plus2™ Pre-Stained Standard
 Lane 2: 1.2 µg NR-28607
 Lane 3: 2.4 µg NR-28607

Figure 2 – Western Blot with Polyclonal Anti-H1 HA



Lane 1: MagicMark™ XP Western Protein Standard
 Lane 2: 0.6 µg NR-28607

Figure 3 – Western Blot with Monoclonal Anti-Histidine Tag



Lane 1: MagicMark™ XP Western Protein Standard
 Lane 2: 0.6 µg NR-28607