

H7 Hemagglutinin (HA) Protein from Influenza Virus, A/Guangdong/17SF003/2016 (H7N9), Recombinant from Baculovirus

Catalog No. NR-51203

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

Product Description: A recombinant form of the H7 hemagglutinin (HA) protein from influenza A virus, A/Guangdong/17SF003/2016 (H7N9) was produced in Sf9 insect cells using a baculovirus expression vector system. The recombinant HA protein containing the H7 ectodomain and a six-histidine tag was purified by affinity chromatography.

Lot¹: 70016387

Manufacturing Date: 26JAN2018

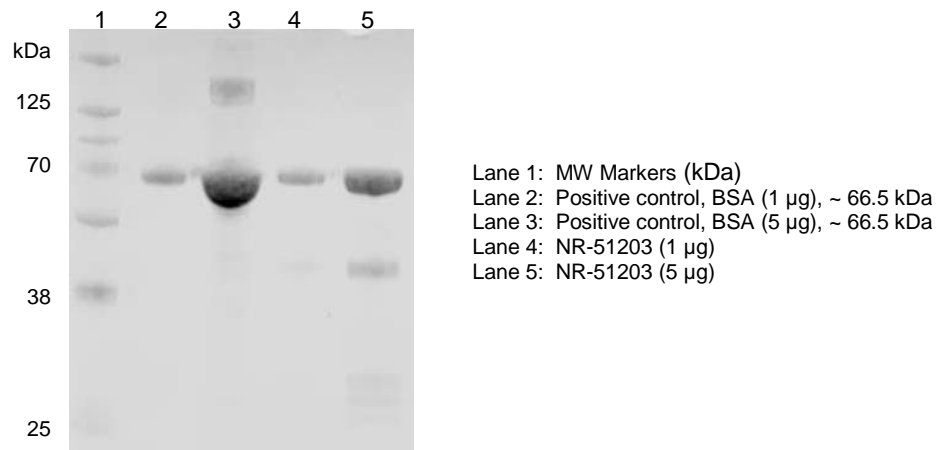
TEST	SPECIFICATIONS	RESULTS
Appearance	Clear and colorless	Clear ²
SDS-PAGE Analysis	Protein band of interest represents > 90% of total staining intensity	Dominant band of ~ 62 kDa accounting for ~ 90% of total staining intensity (Figure 1) Minor band of ~ 42 kDa was also present
Protein Concentration by Bicinchoninic Acid Assay³	Report results	920 µg per mL
Final Product Amount per vial Volume per vial	Report results Report results	460 µg 0.5 mL
Functional Activity Hemagglutination activity with 0.5% turkey red blood cells	Report results	Positive (1:1280)
Filtration	0.2 µm sterile-filtered	0.2 µm sterile-filtered

¹This item was manufactured and subjected to quality control testing by St. Jude Children's Research Hospital, Memphis, Tennessee, USA.

²No color information was provided for this lot.

³Using bovine serum albumin (BSA) as a standard.

Figure 1: SDS-PAGE Analysis of Recombinant H7 HA Protein (NR-51203)



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14 SEP 2018

Program Manager or designee, ATCC Federal Solutions

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