

**Hemagglutinin (HA) Protein with C-Terminal Histidine Tag from Influenza Virus, B/Florida/4/2006, Recombinant from Baculovirus**

**Catalog No. NR-15748**

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

**Product Description:**

The hemagglutinin (HA) protein from influenza B virus B/Florida/4/2006 containing a C-terminal histidine tag was produced in High Five™ insect cells using a baculovirus expression vector system and was purified by metal affinity chromatography.

**Lot: 63406886**

**Manufacturing Date: 06JUL2015**

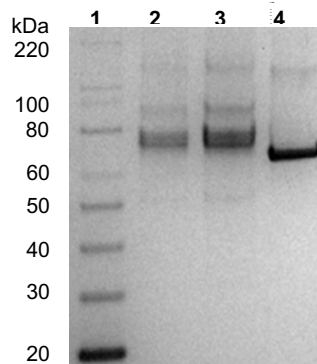
TEST	SPECIFICATIONS	RESULTS
<b>Appearance</b>	Clear and colorless	Clear and colorless
<b>Purity by SDS-PAGE Densitometry Scan</b>	Protein band of interest represents > 90% of total staining intensity	Dominant band of ~ 70 kDa accounts for ~ 90% of total staining intensity (Figure 1)
<b>Concentration by Bicinchoninic Acid Protein Assay<sup>1</sup></b>	Report results	0.06 µg per mL
<b>Vial Contents</b> Quantity per vial Volume per vial	Report results Report results	26 µg 420 µL
<b>Functional Activity</b> Hemagglutination activity 0.5% chicken red blood cells 0.5% turkey red blood cells	Report results Report results	Positive Positive
<b>Identification by Western Blot</b> Monoclonal anti-histidine tag <sup>2</sup> Polyclonal anti-influenza B HA <sup>3</sup>	Reactive Reactive	Reactive (Figure 2) Reactive (Figure 3)
<b>Endotoxin Content (Limulus Amoebocyte Lysate Assay)</b>	Report results	< 16.4 EU/mg
<b>Filtration</b>	0.2 µm sterile-filtered	0.2 µm sterile-filtered

<sup>1</sup>Pierce Protein Research Products (Cat. No. 32106)

<sup>2</sup>R & D Systems (Cat. No. MAB050) (IgG1) (1:1000 dilution)

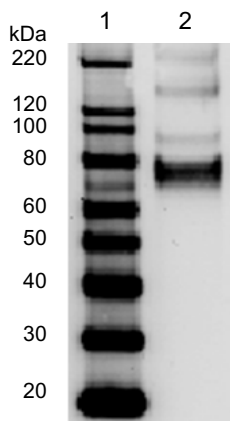
<sup>3</sup>Immune Technology Corp. (Cat. No. IT-003-0081) (1:1000 dilution)

**Figure 1: SDS-PAGE Analysis**



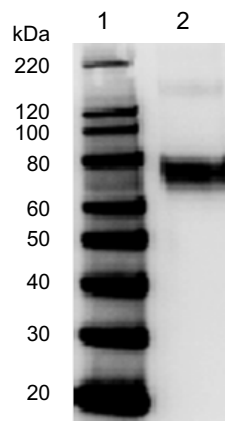
Lane 1: Precision Plus Protein™ Standard  
 Lane 2: NR-15748, 0.61 µg  
 Lane 3: NR-15748, 1.22 µg  
 Lane 4: BSA, 1.0 µg

**Figure 2 – Western Blot with Polyclonal Anti-HA**



Lane 1: MagicMark™ XP Protein Standard  
Lane 2: NR-15748, 0.61 µg

**Figure 3 – Western Blot with Monoclonal Anti-Histidine Tag**



Lane 1: MagicMark™ XP Protein Standard  
Lane 2: NR-15748, 0.61 µg

/Sonia Bjorum Brower/  
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Technical Manager or designee, ATCC Federal Solutions

26 FEB 2026

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