

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: 70063745

Manufacturing Date: 07JUN2024

TEST	SPECIFICATIONS	RESULTS
Appearance	Clear and colorless	Clear and colorless
Purity by SDS-PAGE Densitometry Scan	Protein band of interest represents > 90% of total staining intensity	Dominant band between 70 and 80 kDa accounts for 97% of total staining intensity (Figure 1)
Concentration by Bicinchoninic Acid Assay Bovine Serum Albumin (standard)	Report results	0.085 mg/mL
Vial Contents Quantity per vial Volume per vial	Report results Report results	26 µg 300 µL
Functional Activity Hemagglutination activity 0.5% chicken red blood cells 0.5% turkey red blood cells	Report results Report results	Positive (1:1600) Positive (1:12800)
Identification by Western Blot Monoclonal anti-histidine tag ¹ Polyclonal anti-influenza B HA ²	Reactive Reactive	Reactive Reactive (Figure 2)
Endotoxin Content (Limulus Amoebocyte Lysate Assay)	Report results	< 58.82 EU/mg
Filtration	0.2 µm sterile-filtered	0.2 µm sterile-filtered

¹Using a 1:3000 dilution of mouse monoclonal anti-histidine tag (R&D Systems MAB050-100) as primary antibody and a 1:3000 dilution of HRP-conjugated anti-mouse IgG (R&D Systems HAF-007) as secondary antibody

²Using a 1:3000 dilution of rabbit polyclonal anti-HA (Influenza B) (ImmuneTech IT-003-032) as primary antibody and a 1:3000 dilution of HRP-conjugated anti-rabbit IgG (R&D Systems HAF-008) as secondary antibody

Figure 1: SDS-PAGE Analysis

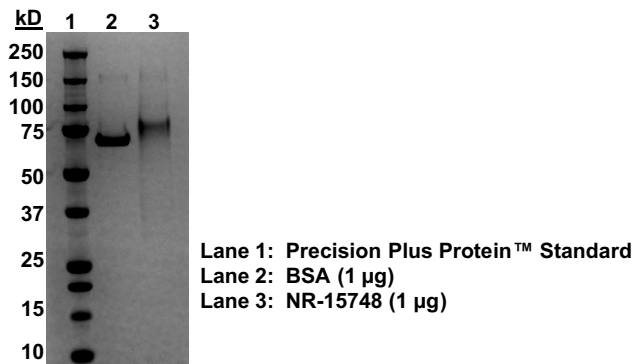
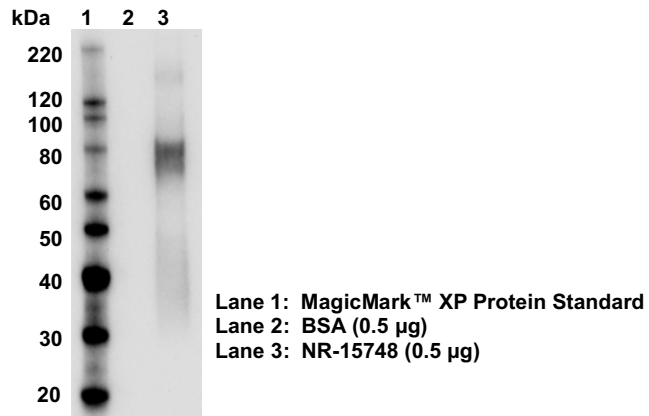


Figure 2: Western Blot with Polyclonal Anti-HA



/Sonia Bjorum Brower/
 Sonia Bjorum Brower

Technical Manager or designee, ATCC Federal Solutions

26 FEB 2026

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

