

# Lot Certificate of Analysis

**Protein Name:** cHA 7/3 (chimeric HA)

**Catalog Number:** C0703-7765

**General Information:** 6X-His Hemagglutinin Trimer; Expressed in HEK Expi293; Purified by IMAC; Suspended in Phosphate Buffered Saline with 0.1% Azide

**Quantity:** 100 µg

**Buffer:** **PBSA:**  
Potassium Dihydrogen Phosphate 0.144g/L, Sodium Chloride 9g/L,  
Disodium Phosphate 0.795g/L; 0.1% Azide; pH 7.3-7.5

**MW:** ~270 kDa (native trimer)  
~80-90 kDa (monomer) (SDS-PAGE)

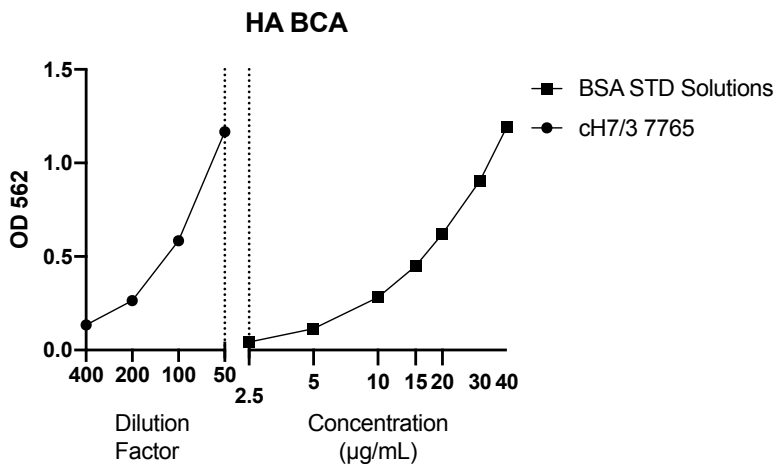
**Purity:** ≥95%

**Stability:** At least 1 year at -80°C

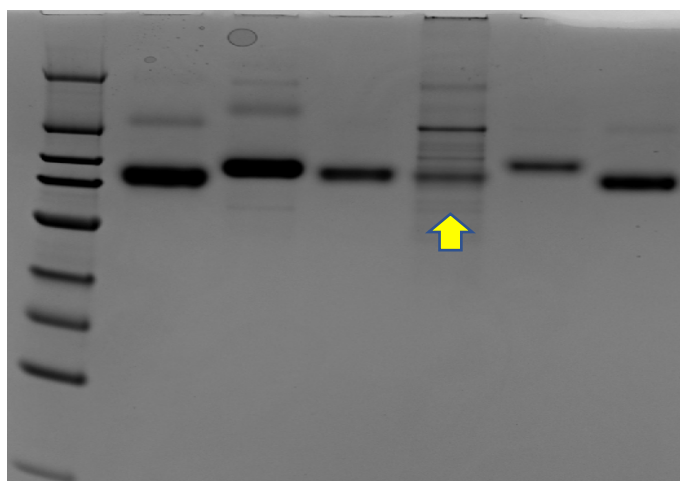
**Storage:** -80°C; Avoid Freeze/Thaw Cycles

For Research Use Only

**BCA Curve with Plotted Points:**

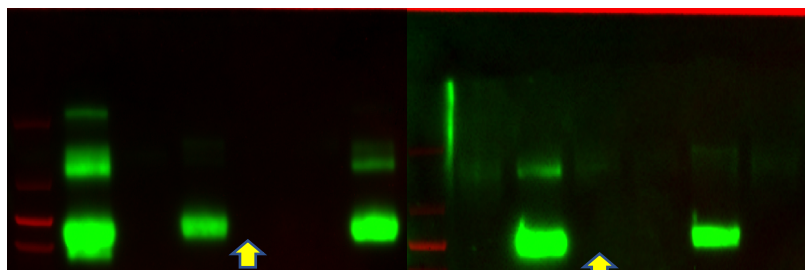


**Coomassie Gel with BSA Standard:**



- Lane 1: Ladder
- Lane 2: CA/09 wt 7871 H1 STD 1µg
- Lane 3: Sing/16 wt 7975 H3 STD 1µg
- Lane 4: Bris/07 wt 7817 H1-7817-002 1µg
- Lane 5: cH7/3 7765 C0703-7765-002 1µg
- Lane 6: South Australia/19 wt 20234 H3-20234-003 1µg
- Lane 7: CA/09 wt 7871 H1-7871-009 1µg

**Western Blot with HA Standard:**



- Lane 1: Ladder
- Lane 2: CA/09 wt 7871 H1 STD 1µg
- Lane 3: Sing/16 wt 7975 H3 STD 1µg
- Lane 4: Bris/07 wt 7817 H1-7817-002 1µg
- Lane 5: cH7/3 7765 C0703-7765-002 1µg
- Lane 6: South Australia/19 wt 20234 H3-20234-003 1µg
- Lane 7: CA/09 wt 7871 H1-7871-009 1µg

Clade 1

H3