

# Lot Certificate of Analysis

**Protein Name:** A/Anhui/1/13 – GCN4

**Catalog Number:** H7-7943

**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

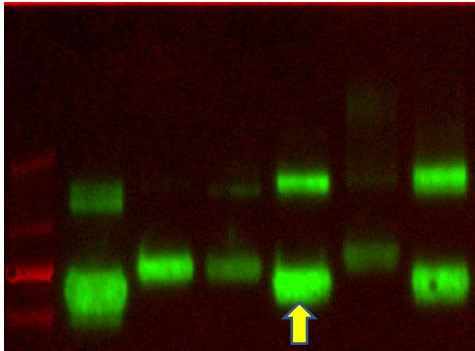
**Storage:** -80°C; Avoid Freeze/Thaw Cycles

**Coomassie Gel with BSA Standard:**



Lane 1: Ladder  
Lane 2: Anhui/1/13 wt 7943 5 $\mu$ g  
Lane 3: Anhui/1/13 wt 7943 3 $\mu$ g  
Lane 4: Anhui/1/13 wt 7943 1 $\mu$ g

**Western Blot with HA Standard:**



Lane 1: Ladder  
Lane 2: CA/09 wt 7871 H1 STD 1 $\mu$ g  
Lane 3: Sing/16 wt 7975 H3 STD 1 $\mu$ g  
Lane 4: B/Phuket/13 wt 7887 IBV STD 1 $\mu$ g  
Lane 5: Anhui/13-GCN4 7943 H7 STD 1 $\mu$ g  
Lane 6: B/Bris/08 wt 8033 BV-8033-002 1 $\mu$ g