

# Lot Certificate of Analysis

**Protein Name:** B/Shanghai/361/2002 rHA

**Catalog Number:** BY-8041

**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)

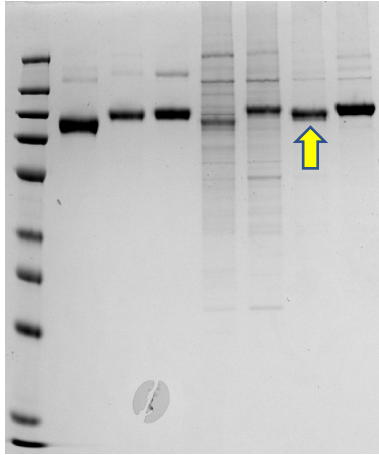
**Purity:** ≥95%

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

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

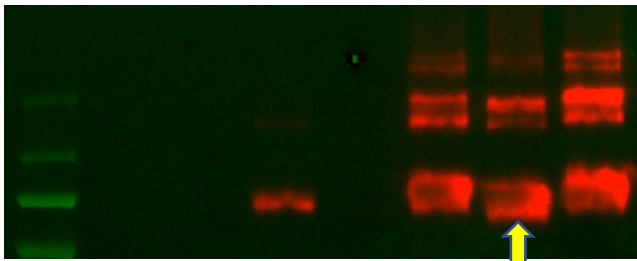
**Sequence:** **EPI116553**  
DRICTGITSSNSPHVVKTATQGEVNVTVGIPLTTTPIKSHFANLKGTRTRGKLCPCDCLNCTDLDDVA  
LGRPMC VGTTPSAKASILHEVRPVTS GCFPIMHDRTKIRQLPNLLRGYENIRLSTQNVIDAEKALG  
GPYRLGTSGSCP NATSKSGFFATMAWAVPKDNNKNATNPLTVEVPYICTEGEDQITVWGFHSD  
DKTQMKNLYGDSNPQKFTSSANGVTTHYVSQIGGFPDQTEDGGLPQSGRIVVDYIMVQKPGKT  
GTIVYQRGVLLPQKVWCASGRSKVIKGSPLIGEADCLHEKYGGLNKSPPYYTGEHAKAIGHCPI  
WVKTPLKLANGTKYRP

**Coomassie Gel with BSA Standard:**



- Lane 1: Ladder
- Lane 2: A/CA/09 sHA 7871 H1 STD 1 $\mu$ g
- Lane 3: A/Sing/16 7975 H3 STD 1 $\mu$ g
- Lane 4: B/Phuket/13 7887 IBV STD 1 $\mu$ g
- Lane 5: cH7/3 sHA 7765 C0703-7765-005 1 $\mu$ g
- Lane 6: B/HK/01 8040 BV-8040-002 1 $\mu$ g
- Lane 7: B/Shang/02 8041 BY-8041-002 1 $\mu$ g
- Lane 8: BC2 sHA 8037 BC-8037-005 1 $\mu$ g

**Western Blot with HA Standard:**



- Lane 1: Ladder
- Lane 2: A/CA/09 sHA 7871 H1 STD 1 $\mu$ g
- Lane 3: A/Sing/16 7975 H3 STD 1 $\mu$ g
- Lane 4: B/Phuket/13 7887 IBV STD 1 $\mu$ g
- Lane 5: cH7/3 sHA 7765 C0703-7765-005 1 $\mu$ g
- Lane 6: B/HK/01 8040 BV-8040-002 1 $\mu$ g
- Lane 7: B/Shang/02 8041 BY-8041-002 1 $\mu$ g
- Lane 8: BC2 sHA 8037 BC-8037-005 1 $\mu$ g