

Lot Certificate of Analysis

Protein Name: B/Austria/1359417/2021 Victoria rHA

Catalog Number: BV-20398

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)

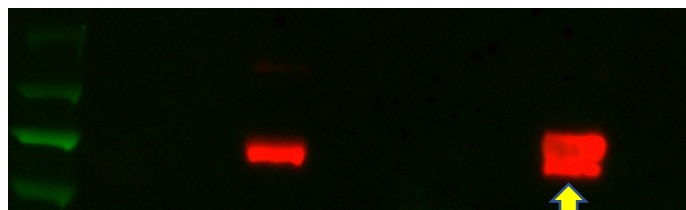
Purity: ≥95%

Stability: At least 1 year at -80°C

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

Sequence: **EPI3009130**
MKAIIVLLMVVTSNADRICTGITSSNSPHVVKATQGEVNVTVIPLTTTPTKSHFANLKGTTETRG
KLCPKCLNCTDLVALGRPKCTGKIP SARVSILHEVRPVTS GCFPIMH DRTKIRQLPNLLRGYEHV
RLSTHNVINTE DAPGGPYEIGTSGSCLNITNGKGFATMAWAVPKNKTATNPLTIEVPYICTEEE
DQITVWGFHSDD ETQMARLYGDSKPQKFTSSANGVTTHYVSQIGGFNPQTEDGGLPQSGRIV
VDYMVQKSGKTGTITYQRGILLPQKVVWCASGSKSVIKGSLPLIGEADCLHEKYGGLNKS KPYTGTG
EHAKAIGNCPIWVK TPLKLANGTKYRPPAKLLKERGFFGAIAGFLEGGWEGMIAGWHGYTSHG
AHGVAVAADLKSTQEAINKITKNLNSLSELEVKNLQRLSGAMDELHNEILELDEKVDLDRADTISS
QIELAVLLSNEGIINSEDEHLLALERKLLKMLGPSAVEIGNGCFETKHKCNQTCLDR IAAGTFDAG
EFSLPTFDSL NITAASLND DGLDNHTILLYSTAASSLAVTLMIAIFVVMVSRDNVSCSICL

Western Blot with HA Standard:



- Lane 1: Ladder
- Lane 2: A/Bris/18 sHA 7871 H1 STD 1 μ g
- Lane 3: A/Sing/16 7975 H3 STD 1 μ g
- Lane 4: B/Phuket/13 IBV STD 1 μ g
- Lane 5: SARS-COV-2 Spike_JM C19 STD 1 μ g
- Lane 6: wisc/19 Δ SA 20396 H1-20396-001.1 1 μ g
- Lane 7: Dar/21 Δ SA 20397 H3-20937-001.1 1 μ g
- Lane 8: B/Austria/21 Δ SA BV-20398-001.1 1 μ g