

Lot Certificate of Analysis

Protein Name: A/Perth/16/2009 rHA H3

Catalog Number: H3-20151

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)

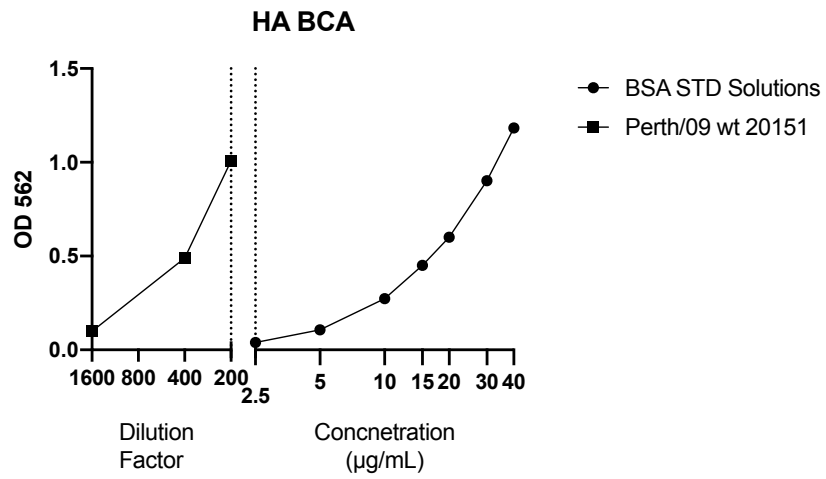
Purity: ≥95%

Stability: At least 1 year at -80°C

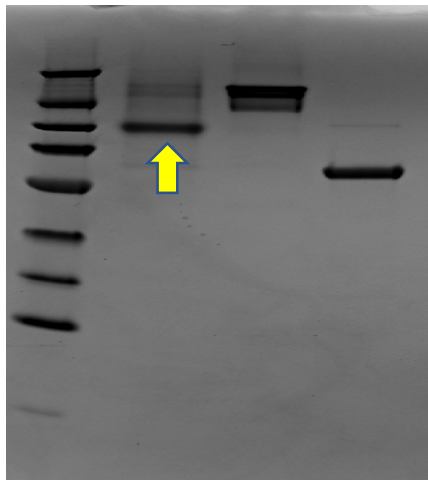
Storage: -80°C; Avoid Freeze/Thaw Cycles

Sequence: **GenBank: GQ293081.1**
MKTIIALSYILCLVFAQKLPGNDNSTATLCLGHHAVPNGTIVKTITNDQIEVTNATELVQSSSTGEI
CDSPHQILDGKNCTLIDALLGDPQCDGFQNKKWDLFVERSKAYSNCPYDVPDYASLRSLVASS
GTLEFNNEFNWTGVTQNGTSSACIRRSKNSFFSRLNWLHLNFKYPALNVTMPNNEQFDKLYI
WGVHHPGTDKDQIFLYAQASGRITVSTKRQQTVSPNIGSRPRVRNIPSRISYIWTIVKPGDILLI
NSTGNLIAPRGYFKIRSGKSSIMRSDAFIGKCNSECITPNGSIPNDKPFQNVNRITYGACPRYVKQ
NTLKLATGMRNVPEKQTRGIFGAIAGFIENGWEGMVDGWYGFRRHQNSEGRGQAADLKSTQA
AIDQINGKLNRLIGKTNEKFHQIEKEFSEVEGRIQDLEKYVEDTKIDLWSYNAELLVALENQHTIDL
TDSEMNKLFEKTKKQLRENAEDMGNCGFKIYHKCDNACIGSIRNGTYDHDVYRDEALNNRFQI
KGVELKSGYKDWILWISFAISCFLLCVALLGFIMWACQKGNIRCNICI

BCA Curve with Plotted Points:



Coomassie Gel:



- Lane 1: Ladder
- Lane 2: Perth/09 wt 20151 H3-20151-001 1µg
- Lane 3: A-1664 Non-Reduced 1µg
- Lane 4: A-1664 Reduced 1µg