



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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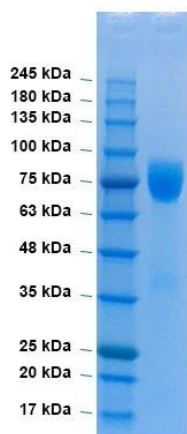
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## HA (A/Hong Kong/1/1968)(H3N2)(aa 17-529)

CATALOG NUMBER: IA-H3-00418t, 50 µg

<b>Introduction</b>	<p>Influenza hemagglutinin (HA) is a type of hemagglutinin found on the surface of the influenza viruses. HA is an antigenic glycoprotein, like all other hemagglutinins, it causes red blood cells to agglutinate. HA is responsible for binding the virus to the cell that is being infected. HA proteins bind to cells with sialic acid on the membranes, such as cells in the upper respiratory tract or erythrocytes.</p> <p>HA is a homotrimeric integral membrane glycoprotein. HA monomer is synthesized as a single polypeptide that is subsequently cleaved into two smaller polypeptides, the HA1 and HA2 subunits. Each HA monomer consists of a long, helical chain anchored in the membrane by HA2 and topped by a large HA1 globule.</p>
<b>Description</b>	Recombinant protein purified from HEK293S cell culture
<b>Viral Protein</b>	C-terminal 6x His tagged hemagglutinin (A/Hongkong/1/1968)(H3N2)(aa 17-529) protein (GenBank Accession#: AAK51718). A trimerization domain sequence has been introduced into the C-terminal of HA to stabilize the formation of trimer HA.
<b>Applications</b>	WB standard, antibody ELISA, immunogen, etc.
<b>Storage</b>	Store at -20 °C; Stable for 6-months from the date of shipment when kept at 4 °C. Non-hazardous. No MSDS required.
<b>Trimer Level</b>	Approximately 97% based on HPLC analysis
<b>Concentration</b>	1 µg/µl in PBS
<b>Endotoxin Level</b>	<0.01 EU per 1 µg of the protein by LAL test
<b>Specificity</b>	> 95% purity (SDS PAGE)

### Application Data (SDS-PAGE):



**SDS-PAGE:** trimerized HA (A/Hong Kong/1/1968)(H3N2) protein (reducing condition).

**Recombinant HA (A/Hong Kong/1/1968)(H3N2)(aa 17-529) Sequence:**

QDLPGNDNSTATLCLGHHAVPNGTLVKTITDDQIEVTNATELVQSSSTGKICNNPHRILDGIDCTLIDALLGDPHCDVFNQNETWDLFVERSKAFSNCYP  
YDVPDYASLRSLVASSGTLEFITEGFTWTGVTQNGGSNACKRGPSSGFFSRLNWLTKSGSTYPVLNVTMPNNDNFDKLYIWGVHHPSTNQEQTSLYVQA  
SGRVTVSTRSQQTIIIPNIGSRPWVRLSSRISYWTIVKPGDVLVINSNGLIAPRGYFKMRTGKSSIMRSDAPIDTCISECITPNGSIPNDKPFQNV  
NKITYGACPKYVKQNTLKLATGMRNVPEKQTRGLFGAIAAGFIENGWEGMIDGWYGFRHQNSEGTQAADLKSTQAADQINGKLNRVIEKTNEKFKQIE  
KEFSEVEGRIQDLEKYVEDTKIDLWSYNAELLVALENQHTIDLTDSEMKNLFEKTRRQLRENAEDMGNGCFKIYHKCDNACIESIRNGTYDHDVYRDEA  
LNNRFQIKGVELKSGYKDGGGGTGGGG*TGRMKQIEDKIEEILSKIYHIENEIARIKKLIGERHHHHH*

