

Glycosylated Recombinant Full Length Influenza A HA Protein, His tagged

Cat. No. HA-24H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant influenza hemagglutinin HA (H3N2) (A/Massachusetts/18/2022) (aa 17-529) protein with C-terminal 8x His-tag was expressed and purified from HEK293 cells.

Species Influenza A (A/Massachusetts/18/2022)

Source HEK293

ProteinLength 17-529 aa

Description 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. 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.

AASequence QKIPGNDNSTATLCLGHHAVPNGTIVKTITNDRIEVTNATELVQNSSIGKICNSPHQIL
DGGNCTLIDALLGDPQCDFQNKEDLFFVERSRANSSCYPYDVPDYASLRSLVASS
GTLEFKNESFNWTGVKQNGTSSACKRGSSSSFFSRLNWLTSLNNIYPAQNVTMPNK

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EQFDKLYIWGVHHPD TDKNQFSLFAQSSGRITVSTKRSQQAVIPNIGSRPRVRDIPS
RISYWTIVKPGDILLINSTGNLIAPRGYFKIRSGKSSIMRSDAIGKCKSECITPNGSIP
NDKPFQNVNRITYGACPRYVKQSTLKLATGMRNVPEKQTRGIFGAIAGFIENGWEG
MVDGWYGFRHQNSEGRGQAADLKSTQAAIDQISGKLNRLIGKTNEKFHQIEKEFSE
VEGRVQDLEKYVEDTKIDLWSYNAELLVALENQHTIDLT DSEMKNLFEKTKKQLREN
AEDMGNGCFKIYHKCDNACIGSIRNETYDHNVYRDEALNNRFQIKGVELKSGYKDH
HHHHH

Application Western Blot, ELISA, etc.

Endotoxin <0.01 EU/μg of the protein by LAL test

Purity > 95% by SDS-PAGE

Storage Store at -20 centigrade; Stable for 6-months from the date of shipment when kept at 4 centigrade. Non hazardous. No MSDS required.

Concentration 1 μg/μL in PBS

GENE INFORMATION

Official Symbol HA

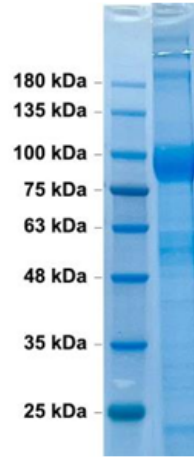
Synonyms HA; hemagglutinin; HA1; HA2

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SDS-PAGE



HA (A/Massachusetts/18/2022)(H3N2) protein (reducing condition)

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