

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 8× 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 DGGNCTLIDALLGDPQCDGFGQNKEDLFVERSRANSSCYPYDVPDYASLRSLVASS GTLEFKNESFNWTGVKQNGTSSACKRGSSSSFFSRLNWLTSLNNIYPAQNVTMPNK

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EQFDKLYIWGVHHPD TDKNQFSLFAQSSGRITVSTKRSQQAVIPNIGSRPRVRDIPS
 RISIYWTIVKPGDILLINSTGNLIAPRGYFKIRSGKSSIMRSDAIGKCKSECITPNGSIP
 NDKPFQNVNRITYGACPRYVKQSTLKLATGMRNVPEKQTRGIFGAIAGFIENGWEG
 MVDGWYGFRRHQNSEGRGQAADLKSTQAAIDQISGKLNRLIGKTNEKFHQIEKFSE
 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

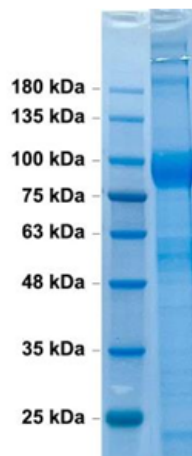
GENE INFORMATION

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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