

Recombinant IAV HA (Y98F)(A/Guangdong-Maonan/SWL1536/2019)(H1N1)-pdm09-like protein, His tagged

Cat. No. HA-3007I **Lot. No.** (See product label)

SPECIFICATION

Product Overview	C-terminal 6x His-tagged influenza full-length hemagglutinin HA (Y98F)(amino acid 18-530)(H1N1) (A/Guangdong-Maonan/SWL1536/2019)-pdm09-like protein
Species	IAV
Source	HEK293
ProteinLength	18-530 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	EQKLISEEDLDTLCIGYHANNSTDVDTVLEKNVTVTHSVNLLEDKHNGKLCKLRGVA PLHLGKCNIAGWILGNPECESLSTARSWSYIVETSNSDNGTCYPGDFINFEELREQL SSVSSFERFEIFPKTSSWPNHDSKGVTAACPHAGAKSFYKNLIWLVLKKGNSYPKLN QTYINDKGKEVLVLWGIHHPPTIAAQESLYQNADAYVFVGTSRYSKKFKPEIATRPKV

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RDQEGRMNYYWTLVEPGDKITFEATGNLVVPRYAFTMERDAGSGIIISDTPVHDCNT
 TCQTPEGAINSTLPPFQNVHPITIGKCPKYVKSTKLRLATGLRNVPSIQSRGLFGAIAGF
 IEGGWTGMVDGWYGYHHQNEQSGSYAADLKSTQNAIDKITNKVNSVIEKMNTQFTA
 VGKEFNHLEKRIENLNKKVDDGFLDIWTYNAELLVLENERLTDYHDSNVKNLYEKV
 RNQLKNNAKEIGNGCFEFYHKCDNTCMESVKNGTYDYPKYSEEAKLNREKIDGVKL
 ESTRIYQIHNNNNH

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

Purity > 95% by SDS-PAGE

Applications Western Blot, HI, ELISA, etc.

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

Storage Buffer PBS

GENE INFORMATION

Official Symbol HA

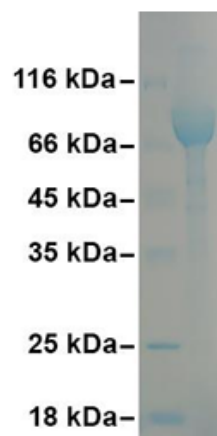
Synonyms HA; Hemagglutinin

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SDS-PAGE



Purified HA (Y98F)(aa 18-530)(A/Guangdong-Maonan/SWL1536/2019/H1N1)

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