

Recombinant IAV Hemagglutinin (Y98F) (A/Brisbane/02/2018)(H1N1)-pdm09-like Protein, His&Flag tagged

Cat. No. HA-3008I Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant full-length hemagglutinin (aa 18-529)(A/Brisbane/02/2018)(H1N1)-pdm09-like is produced in human 293 cells. It is glycosylated; there is an amino acid change of Y98. It has a C-terminal 6x his tag and an N-terminal c-Myc tag.

Species IAV

Source HEK293

ProteinLength 18-529 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 EQKLISEEDLDTLCIGYHANNSTDTVDTVLEKNVTVTHSVNLLLEDKHNGKLCKLGGV
APLHLGKCNIAWILGNPECESLSTARSWYIVETSNSDNGTCYPGDFINFEELREQ

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LSSVSSFERFEIFPKTSSWPNHDSNKGVTAACPHAGAKSFYKNLIWLKKGNSYPKL
 NQTYINDKGKEVLVLWGIHHPPTTADQQSLYQNADAYVFGTSTRYSKFKPEIATRP
 KVRDREGRMNYYWTLVEPGDKITFEATGNLVVPRYAFTMERNAGSGIIISDTPVHDC
 NTTTCQTAEGAINSLPFQNVHPVTIGKCPKYVKSTKLRLATGLRNVPSIQSRGLFGAI
 AGFIEGGWTGMVDGWYGYHHQNEQGSYAADLKSTQNAIDKITNKVNSVIEKMNT
 QFTAVGKEFNHLEKRIENLNKKVDDGFLDIWTYNAELLVLENERLTDYHDSNVKLN
 YEKVRNQLKNNAKEIGNGCFEFYHKCDNTCMESVKNGTYDYPKYSEEAKLNREKID
 GVKLESTRIYQIHSHHHHH

Endotoxin	<0.01 EU/μg of purified protein by LAL test
Purity	> 95% by SDS-PAGE
Applications	Western Blotting, 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

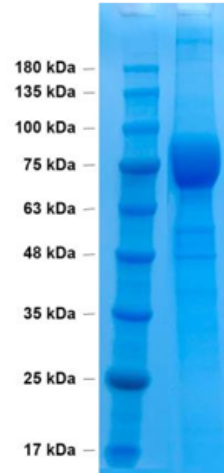
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SDS-PAGE



Purified HA (Y98F)(aa 18-530)(A/Brisbane/02/2018/H1N1) protein

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