HA (aa 16-529)(H2N2)(A/Japan/305/1957)

CATALOG NUMBER: IA-0032W-005P, 50 µg, 1mg

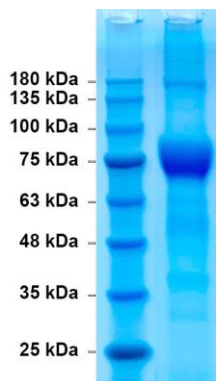|	
Introduction	Influenza hemagglutinin (HA) is a type of hemagglutinin found on the surface of the influenza viruses. HA is an antigenic glycoprotein, like all other hemagglutinins, it causes red blood cells to agglutinate. HA is responsible for binding the virus to the cell that is being infected. 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.
Description	Recombinant hemagglutinin protein expressed and purified from 293 cell culture
Viral Protein	C-terminal 6xHis tagged HA (H2N2)(A/Japan/305/1957)(amino acid 16-529) protein (GenBank No. AAA43185)
Applications	Western blot standard, antibody ELISA, antigen, etc.
Storage	Store at -20 ℃; Stable for 6-months from the date of shipment when kept at 4 ℃. Non-hazardous. No MSDS required.
Concentration	1 µg/µl in PBS
Endotoxin Level	<0.1 EU per 1 µg of the protein by LAL test
Purity	>95% pure by 10% SDS PAGE gel

SDS-PAGE: purified HA (H2N2))(A/Japan/305/1957) protein.

HA (A/Japan/305/1957/H2N2)(aa 16-529) SEQ:

DQICIGYHANNSTEKVDTNLERNVTVTHAKDILEKTHNGKLCKLNGIPPLELGDCSIAGWLLGNPECDRLLSVPEWSYIMEKENPRDGLCYPGSFNDYE
ELKHLLSSVKHFEKVKILPKDRWTQHTTTGGSRACAVSGNPSFFRNMVWLTKEGSDYPVAKGSYNNTSGEQMLIIWGVHHPIDETEQRTLYQNVGTYVS
VGTSTLNKRSTPEIATRPKVNGQGGRMEFSWTLLDMWDTINFESTGNLIAPEYGFKISKRGSSGIMKTEGTLENCETKCQTPLGAINTTLPFHNVHPLT
IGECPKYVKSEKLVLATGLRNVPQIESRGLFGAIAGFIEGGWQGMVDGWYGYHHSNDQGSGYAADKESTQKAFDGITNKVNSVIEKMNTQFEAVGKEFG
NLERRLENLNKRMEDGFLDVWTYNAELLVLMENERTLDFHDSNVKNLYDKVRMQLRDNVKELGNGCFEFYHKCDDECMNSVKNGTYDYPKYEEESKLNR
NEIKGVKLSSMGVYQILAI*HHHHHH*