

Datasheet for ABIN2181208

Hemagglutinin Protein (HA) (AA 19-338, AA 341-523) (Fc Tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	Hemagglutinin (HA)
Protein Characteristics:	AA 19-338, AA 341-523
Origin:	Influenza Virus
Virus Strain:	A/Shanghai/2/2013
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Hemagglutinin protein is labelled with Fc Tag.

Product Details

Sequence:	AA 19-338,AA 341-523
Characteristics:	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 84.5 kDa. The protein migrates as 110-120 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Purity:	>95 % as determined by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	Hemagglutinin (HA)
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Target Details

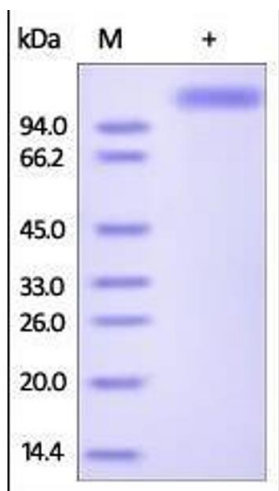
Abstract:	HA Products
Target Type:	Influenza Protein
Background:	<p>Influenza, commonly known as "the flu", is an infectious disease of birds and mammals caused by RNA viruses of the family Orthomyxoviridae, the influenza viruses. The virus is divided into three main types (Influenzavirus A, Influenzavirus B, and Influenzavirus C), which are distinguished by differences in two major internal proteins (hemagglutinin (HA) and neuraminidase (NA), which are the most important targets for the immune system. The type A viruses are the most virulent human pathogens among the three influenza types and cause the most severe disease. The serotypes that have been confirmed in humans, ordered by the number of known human pandemic deaths, are: H1N1, H2N2, H3N2, H5N1, H7N7, H1N2, H9N2, H7N2, H7N3, H10N7, H7N9. H7N9 is a serotype of the species Influenzavirus A (avian influenza virus or bird flu virus). H7 normally circulates amongst avian populations with some variants known to occasionally infect humans. An H7N9 virus was first reported to have infected humans in 2013 in China.</p>
Molecular Weight:	82.5 kDa
Gene ID:	18, 17

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	50 mM Tris, 100 mM Glycine, pH 7.5
Handling Advice:	Please avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	No activity loss was observed after storage at: In lyophilized state for 1 year (4 °C), After reconstitution under sterile conditions for 3 months (-70 °C).



SDS-PAGE

Image 1. Influenza A [A/Shanghai/2/2013(H7N9)] HA, Fc Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.