

Recombinant Influenza A Virus H5N8 (A/duck/NY/191255-59/02), His-tagged

DAG1685 H5N8

Lot. No. (See product label)

PRODUCT INFORMATION

Product overview	H5N8 (A/duck/NY/191255-59/02, AAP72011, 1 a.a. - 490 a.a.) partial recombinant protein with His tag expressed in 293 cells.
Antigen Description	<p>The family of Influenza viruses belong to the Orthomyxoviruses. They all range in severity but cause respiratory infection in the host animal.</p> <p>There are several subtypes of the Influenza A virus. This virus is more commonly known as the "bird flu" in that infects mostly avian species although some have been found in mammals as well. These viruses range in the level of severity. H5N8 is one of the many subtypes. One of the main reasons for concern when it comes to these viruses is that they undergo constant change. This makes vaccine manufacturing almost impossible. By the time a vaccine is distributed, the virus may have already mutated. Although H5N8 is considered one of the lower pathenogenic subtypes, it is beginning to make a name for itself. Many times H5N8 is used as an incubator for the highly pathogenic H1N1.</p>
Source	293 cells
Species	H5N8
Tag	His
Form	Liquid
Purity	> 95% by SDS-PAGE
Applications	SDS-PAGE

PACKAGING

Storage	Store at 4°C. Do not freeze.
Concentration	1 mg/mL
Buffer	In PBS

BACKGROUND

Introduction	For the most part symptoms of the H5N8 virus are respiratory. There are the common "flu-like" symptoms of fever, chills, headache, coughing and weakness. There are reports of there being conjunctivitis associated with the virus as well. When farmed poultry is suspected of having the virus and tests confirm, the farm will cull the birds. This way, the virus will hopefully not be passed along to the public. However, neighboring farms and area wildlife have to be tested as well.
Keywords	Influenza A virus subtype H5N8; H5N8

REFERENCES

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2. Scientific Committee on Animal Health and Animal Welfare (2006-06-27). "The Definition of Avian Influenza : The use of Vaccination against Avian Influenza" (pdf). European Commission, Health & Consumer Protection Directorate-General. Retrieved 2007-11-04.

