

Influenza A Active Protein

Purified Influenza A protein (H3N2 strain)

CATALOG #
AAA224715

HOST
Embryonated chicken eggs; Virus Strain: H3N2 Subtype

PRODUCT SYNONYMS

Influenza A; Purified Influenza A protein (H3N2 strain); Flu A protein; Influenza Type A virus protein; H3N2 protein; Influenza H3N2; Texas 1/77 strain Influenza protein; Swine flu protein; Native Influenza A H3N2 protein; Influenza A active protein

PRODUCT SPECIFICATIONS

Host	Embryonated chicken eggs; Virus Strain: H3N2 Subtype
Form/Format	Liquid in PBS.
Concentration	1.9 mg/ml Titer: 54,613 HA Units/ml (varies by lot)
Biohazard	Product has been inactivated using Gamma radiation and should contain no infectious material. Please use standard laboratory precautions when handling.
Additional Remarks	Precipitate may form upon thawing, due to high product concentration. Dilute prior to clarification or other manipulation.
Protein Type	Native
Biological Significance	H3N2 is a subtype of the influenza A virus. Its name derives from the forms of the two kinds of proteins on the surface of its coat, hemagglutinin (H) and neuraminidase (N). H3N2 viruses can infect birds and mammals. Discovered in 2007 in Missouri pigs, H3N2 has a combination of genes from avian and swine flu viruses, supporting the theory that pigs can serve as a mixing vessel for flu viruses and a potential source for a human pandemic strain.
Implications in Disease	According to studies published in PNAS, researchers found that the H3N2 virus caused illness in experimentally infected mice and was transmissible in swine and ferrets, suggesting it has adapted to mammals.
Sequence Information	Influenza A viruses are negative-sense, single-stranded, segmented RNA viruses. The several subtypes are labeled according to an H number (for the type of hemagglutinin) and an N number (for the type of neuraminidase). There are 18 different known H antigens (H1 to H18) and 11 different known N antigens (N1 to N11).
Bioactivity	Gamma radiation inactivated virus
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Ships on dry ice. Upon receipt store at -70°C. Avoid repeat freeze/thaw cycles.

ADDITIONAL INFORMATION

Product Categories/Family for Influenza A active protein Infectious Disease

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.