



Product Data Sheet

□ Cat # RP-647

Recombinant Hemagglutinin-Influenza A Virus H3N2 Wisconsin 67/05

Size: □ 2 ug

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 exchanges genes for internal proteins with other influenza subtypes. H3N2 has tended to dominate in prevalence over H1N1, H1N2, and influenza B. H3N2 strain descended from H2N2 by antigenic shift, in which genes from multiple subtypes re-assorted to form a new virus. Both the H2N2 and H3N2 strains contained genes from avian influenzaviruses.

Source: Recombinant Full-Length H3N2 A/Wisconsin/67/05 is glycosylated with N-linked sugars, produced using baculovirus vectors in insect cells and its Mw is 70,000 dalton. Baculovirus Insect Cells. The Recombinant H3N2 A/Wisconsin/67/05 solution contains 10mM Sodium phosphate, pH 7.4, 150mM NaCl and 0.005% Tween-20.

Immunological Activity:

Western-Blot 0.1µg -1µg per strip, ELISA 1µg/Well.

Applications and Suggested Dilutions: Greater than 90.0% as determined by SDS-PAGE. Users must optimize the appropriate concentration and conditions for each assay.

Storage and Stability: If supplied in powder then reconstitute it in 100 ul water for 1 mg/ml stock and store in liquid at 4oC for ~1 week or aliquots in suitable size and store at -20oC for long term storage..

Usage:

This item is for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals

RP-647

110125V