

32-5662: Recombinant Hemagglutinin-Influenza B Virus Malaysia 2506/04

Description

Source : Baculovirus Insect Cells. Recombinant Full-Length B/Malaysia/2506/2004 is glycosylated with N-linked sugars, produced using baculovirus vectors in insect cells. The MW is approximately 72,000 Dalton. Influenza-B virus is a genus in the virusfamily Orthomyxoviridae. The only species in this genus is called 'Influenza B virus'. Influenza B virus only infects humans and seals. This limited host range is apparently in contrast with those caused by the similar Influenza virus A as both mutate by both genetic drift and reassortment. Influenza-B virus evolves slower than A viruses and faster than C viruses. Influenza-B virus mutates at a rate 2-3 times lower than type A. However, influenza B mutates enough that lasting immunity is not possible. The Influenza B virus capsid is enveloped while its virion consists of a matrix protein + envelope + nucleoprotein complex + nucleocapsid, and a polymerase complex. Influenza B is sometimes spherical and sometimes filamentous. Its 500 or so surface projections are made of hemagglutinin and neuraminidase. The Influenza B virus is 14648 nucleotides long and consists of eight segments of linear negative-sense, single-stranded RNA. The multipartite genome is encapsidated, each segment in a separate nucleocapsid, and the nucleocapsids are surrounded by one envelope.

Product Info

Amount :	10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The Recombinant B/Malaysia/2506/2004 solution contains 10mM Sodium Phosphate, pH 7.0 and 150mM NaCl, 0.005% Tween-20.
Storage condition :	B/Malaysia/2506/2004 Recombinant should be stored at 4°C.