32-5649: Recombinant Hemagglutinin-Influenza A Virus H1N1 New York 3571/2009(Discontinued)

Description

Source : Baculovirus H1N1 produced in Hi-5 cell of Baculovirus is a single polypeptide chain containing 339 amino acids (18-344) and having a molecular mass of 37.8kDa.H1N1 is fused to a 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques. H1N1 is subtype specie of Influenza A virus. H1N1 Influenza Virus has mutated into various strains such as the Spanish Flu strain, mild human flu strains, endemic pig strains, and various strains found in birds. Influenza hemagglutinin is a type of hemagglutinin found on the surface of the influenza viruses and it is an antigenic glycoprotein. H1N1 controls the virus binding to the cell which it is infecting. HA protein has two purposes - it enables the recognition of target vertebrate cells by binding of these cells' sialic acid-containing receptors and then enables the entrance of the viral genome into the target cells by causing the fusion of host endosomal membrane with the viral membrane.

Product Info

Amount :	10 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The H1N1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	ADLMDTLCIG YHANNSTDTV DTVLEKNVTV THSVNLLEDK HNGKLCKLRG VAPLHLGKCN IAGWILGNPE CESLSTASSW SYIVETSSSD NGTCYPGDFI DYEELREQLS SVSSFERFEI FPKTSSWPNH DSNKGVTAAC PHAGAKSFYK NLIWLVKKGN SYPKLSKSYI NDKGKEVLVL WGIHHPSTSA DQQSLYQNAD AYVFVGSSRY SKKFKPEIAI RPKVRDQEGR MNYYWTLVEP GDKITFEATG NLVVPRYAFA MERNAGSGII ISDTPVHDCN TTCQTPKGAI NTSLPFQNIH PITIGKCPKY VKSTKLRLAT GLRNVPSIQS RSRHHHHHH

For Research Use Only. Not for use in diagnostic/therapeutics procedures.