

Recombinant H1N1 (A/California/04/2009) H1N10409 protein

Cat. No. H1N10409-207I **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Hemagglutinin external envelope protein, Full-Length glycosylated H1N1 California/04/2009 with N-linked sugars, produced using baculovirus vectors in insect cells and its Mw is approximately 72kDa.
Species	H1N1
Source	Insect Cells
Description	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. The Influenza A Virus is a globular particle about 100nm in diameter, sheathed in a lipid bilayer derived from the plasma membrane of its host. Studded in the lipid bilayer are two integral membrane proteins some 500 molecules of hemagglutinin ("H") and some 100 molecules of neuraminidase ("N"). Within the lipid bilayer are 3000 molecules of matrix protein and 8 pieces of RNA. Each of the 8 RNA molecules is associated with many copies of a nucleoprotein, several molecules of the three subunits of its RNA polymerase some "non-structural" protein molecules of uncertain function.
Form	Sterile Filtered colorless solution. The Recombinant H1N1 A/California/04/2009 solution 10mM Sodium phosphate pH-7, 150mM Sodium Chloride, and 0.005% Tween 20.

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Molecular Mass	72kDa
Purity	Greater than 90.0% under the conditions that would preserve its biological activity and tertiary structure.
Usage	The products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.
Stability	The Recombinant H1N1 A/California/04/2009 Recombinant should be stored at 4°C. Do NOT Freeze!
Shipping	Ice Packs

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