

Recombinant H1N1 (A/Brisbane 59/2007) H1N15907 protein

Cat. No. H1N15907-206I **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full-Length H1N1 Brisbane 59/2007 is glycosylated with N-linked sugars, produced using baculovirus vectors in insect cells.
Species	H1N1
Source	Insect Cells
Description	H1N1 is a 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/Brisbane 59/2007 solution contains 10mM Sodium phosphate, pH 7.1, 150mM NaCl and 0.005% Tween-20.
Purity	Greater than 90.0% as determined by SDS-PAGE.
Usage	The products are furnished for LABORATORY RESEARCH USE ONLY. The product

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may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Stability

H1N1 A/Brisbane 59/2007 recombinant should be stored at 4°C. Do not freeze!

Shipping

Ice Packs

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