

Active Recombinant Influenza A H3N2 (A/Switzerland/9715293/2013) HA protein

Cat. No. HA-0423H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A H3N2 (A/Switzerland/9715293/2013) HA protein(Met1-Ile566)(EPI541659) was expressed in Insect Cells.
Species	Influenza A H3N2 (A/Switzerland/9715293/2013)
Source	Insect Cells
ProteinLength	Met1-Ile566
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 %glycerol, pH 7.5.Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its ability to agglutinate human red blood cells. HA titer is 0.2-2 µg/mL for 1% HRBC.
Molecular Mass	The recombinant hemagglutinin of Influenza A virus (A/Switzerland/9715293/2013(H3 N2)) consists of 550 amino acids and predicts a molecular mass of 61.8 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 75 % as determined by SDS-PAGE.

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Storage

Samples are stable for up to twelve months from date of receipt at -20°C to -80°C
Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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