Active Recombinant H1N1 (A/England/195/2009) HA Protein, His-tagged

Cat. No. HA-791V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A virus (A/England/195/2009 (H1N1)) hemagglutinin (ACR15621.1) (Met1-Gln529), termed as HA, was expressed with a polyhistidine tag at the C-terminus.
Species	H1N1
Source	Insect Cells
ProteinLength	1-529 a.a.
Predicted N Terminal	Asp 18
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 8.0, 5% ~ 8% trehalose and mannitol.
Bio-activity	Measured by its ability to agglutinate guinea pig red blood cells. HA titer is 1-4μg/mL for 1% GRBC.
Molecular Mass	The recombinant virus HA consists 523 amino acids and predicts a molecular mass of 58.9 kDa.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE

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Stability	Samples are stable for up to twelve months from date of receipt at -70ºC.
Storage	Store it under sterile conditions at -20ºC~-70ºC. 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 0.25 ug/ul. Centrifuge the vial at 4℃ before opening to recover the entire contents.

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