

Recombinant H1N1 (A/New York/18/2009) HA Protein, His-tagged

Cat. No. HA-802V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant extracellular domain of the influenza A H1N1 (A/New York/18/2009 (H1N1)) hemagglutinin (ACU13097.1) (Met 1-Gln 529, HA1+HA2, uncleveld), was fused with a C-terminal polyhistidine tag.
Species	H1N1
Source	HEK293
ProteinLength	1-529 a.a.
Predicted N Terminal	Asp 18
Form	Lyophilized from sterile PBS, pH 7.4, 5% ~ 8% trehalose and mannitol.
Molecular Mass	The secreted recombinant influenza A H1N1 hemagglutinin (A/New York/18/2009 (H1N1)) comprises 523 amino acids and has a predicted molecular mass of 59 kDa. As a result of glycosylation, the apparent molecular mass of the protein is approximately 70-80 kDa
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.

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Storage

Store it under sterile conditions at -20°C~-70°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 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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