**General Information**

**Gene Name Synonym:**
HA

**Protein Construction:**
A DNA sequence encoding the Influenza A virus (A/duck/Yangzhou/906/2002(H1N2)) hemagglutinin (AAAY85533.1) (Met1-Lys528), termed as HA, was expressed with a polyhistidine tag at the C-terminus.

**Source:** H1N2

**Expression Host:** Baculovirus-Insect Cells

**QC Testing**

**Purity:** > 90 % as determined by SDS-PAGE.

**Bio Activity:**
Measured by its ability to agglutinate guinea pig red blood cells. HA titer is 0.005-0.02μg/mL for 1% GRBC

**Endotoxin:**
< 1.0 EU per µg protein as determined by the LAL method.

**Stability:**
Samples are stable for up to twelve months from date of receipt at -70 °C

**Predicted N terminal:** Asp 17

**Molecular Mass:**
The recombinant hemagglutinin of Influenza A virus (A/duck/Yangzhou/906/2002(H1N2)) consists 523 amino acids and predicts a molecular mass of 58.8 kDa.

**Formulation:**
Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 8.0.

Normally 5 - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

**Usage Guide**

**Storage:**
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

**Avoid repeated freeze-thaw cycles.**

**Reconstitution:**
Detailed reconstitution instructions are sent along with the products.

**References**