

**H1N1/HA1, 18-344aa, Influenza A-H1N1 (human), His tag, Baculovirus**

**Cat.NO.: TP02387**

3th Edition

**Synonyms:**Hemagglutinin, Influenza A virus (A/New York/3571/2009 H1N1) haemagglutinin.

**Description:**HA1 (hemagglutinin1) belongs to the influenza viruses hemagglutinin family. Influenza hemagglutinin (HA) or haemagglutinin is a type of hemagglutinin found on the surface of the influenza viruses. It is an antigenic glycoprotein. It is responsible for binding the virus to the cell that is being infected. HA protein has two functions. Firstly, it allows the recognition of target vertebrate cells, accomplished through the binding of these cells' sialic acid-containing receptors.

**Form:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol

**Molecular Weight:**37.8kDa (339aa)

**Sequences:**

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ADLMDTLCIGYHANNSTDTVDTVLEKNVTVTHSVNLLLEDKHNGKLCKLRGVAPLHLGKCNIAGWILGNPECESLSTA  
SSWSYIVETSSSDNGTCYPGDFIDYEELREQLSSVSSFERFEIFPKTSSWPNHDSNKGVTAAACPHAGAKSFYKNLI  
WLVKKGNSYPKLSKSYINDKGKEVLVLWGIHPSTADQQSLYQNADAYVFGSSRYSKKFKPEIAIRPKVRDQEG  
RMNYYWTLVEPGDKITFEATGNLVVPRYAFAMERNAGSGIIISDTPVHDCNTTCQTPKGAINSLPFQNIHPITIGKCP  
KYVKSTKLRLATGLRNVPSIQRSRHHHHHH
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**Purity:**> 95% by HPLC

**Concentration:**1mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.