

Recombinant H1N1 HA, His-tagged

Cat. No. HA-419H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the Influenza A virus (A/Ohio/07/2009 (H1N1)) hemagglutinin (ACR38870.1) (Met1-Arg344), termed as HA1, was expressed with a C-terminal polyhistidine tag.
Species	H1N1
Source	Human Cells
ProteinLength	Met1-Arg344
Form	Lyophilized from sterile PBS, pH7.4.
Molecular Mass	The recombinant HA1 subunit of Influenza A virus (A/Ohio/07/2009 (H1N1)) comprises 338 amino acids and has a predicted molecular mass of 37.7 kDa. The apparent molecular mass of the protein is approximately 52.9 kDa in SDS-PAGE under reducing conditions.
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
Storage	Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution Hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name HA?haemagglutinin [?Influenza A virus (A/Puerto Rico/8/1934(H1N1))?]

Official Symbol HA

Synonyms HA; haemagglutinin; HA1; HA2

Gene ID 956529

Protein Refseq NP_040980

**Chromosome
Location** segment: segment 4

Pathway Assembly of Viral Components at the Budding Site; Entry of Influenza Virion into Host Cell via Endocytosis; Fusion and Uncoating of the Influenza Virion

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