

Recombinant Influenza A H1N1 HA, His tagged

Cat. No. HA-738I **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A H1N1 HA (A/California/04/2009 (H1N1)) extracellular domain hemagglutinin (ACP41105.1) (Met 1-Gln 529) with cleavage site mutated (IQS→RQRRRRK, HA1+HA2, partially cleaved), fused with a C-terminal polyhistidine tag, was produced in H
Species	H1N1
Source	Human Cells
Protein Length	1-529 a.a.
Form	Lyophilized from sterile PBS, pH 7.4
Molecular Mass	The secreted recombinant Influenza A virus (A/California/04/2009 (H1N1)) HA (mutated) comprises 527 amino acids and predicts a molecular mass of 60 kDa. As a result of glycosylation and proteolysis, the apparent molecular mass of the hemagglutinin is approximately 25-30, 50-55 and 80-85 kDa in SDS-PAGE under reducing conditions, corresponding to the HA2, HA1 subunit and the full length HA respectively.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
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

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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. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	HA haemagglutinin [Influenza A virus (A/Puerto Rico/8/1934(H1N1))]
Official Symbol	HA
Gene ID	956529
Protein Refseq	NP_040980

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