# Recombinant Influenza A H1N1 (A/Memphis/1/1987) HA1 Protein, His-tagged

**Cat. No.** HA-187H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Influenza A virus (A/Memphis/1/1987 (H1N1)) hemagglutinin (ABQ44416.1) (Met1-Arg344), termed as HA1, fused with a polyhistidine tag at the C-terminus, was expressed in HEK293 Cells. |
| **Species** | H1N1 |
| **Source** | HEK293 |
| **ProteinLength** | 1-344 a.a. |
| **Predicted N Terminal** | Asp 18 |
| **Form** | Lyophilized from sterile PBS, pH 7.4, 5% trehalose, 5% mannitol and 0.01% Tween80. |
| **Molecular Mass** | The recombinant HA1 subunit of the Influenza A virus (A/Memphis/1/1987 (H1N1)) consists of 338 amino acids and predicts a molecular mass of 38.2 kDa. |
| **Endotoxin** | < 1.0 EU per μg of the protein as determined by the LAL method. |
| **Purity** | > 90 % as determined by SDS-PAGE. |
| **Storage** | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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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 of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents. |
| **Shipping** | In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise. |

## GENE INFORMATION

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| **Official Symbol** | HA |
| **Synonyms** | HA; Hemagglutinin |
| **Protein Refseq** | ABQ44416.1 |

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