Recombinant Influenza A H1N1 (A/Michigan/45/2015) HA protein(Met1-Arg344), His-tagged

Cat. No. HA-3334V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A virus (A/Michigan/45/2015 (H1N1)) hemagglutinin (translated amino acids of EPI859651) (Met1-Arg344), termed as HA1, was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	H1N1
Source	HEK293
ProteinLength	Met1-Arg344
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant HA1 subunit of the Influenza A virus (A/Michigan/45/2015 (H1N1)) hemagglutinin consists of 338 amino acids and predicts a molecular mass of 37.9 kDa. The apparent molecular mass of the protein is approximately 62 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 85 % 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

	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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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