Recombinant Influenza A H1N2 (A/swine/England/7856/2012) HA protein(Met1-Ser524), His-tagged

Cat. No. HA-3353V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A virus (A/swine/England/7856/2012 (H1N2)) hemagglutinin (AKJ81567) (Met1-Ser524), termed as HA, was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	H1N2
Source	HEK293
ProteinLength	Met1-Ser524
Form	Lyophilized from sterile 20 mM Tris, 50 mM NaCl, 5 % trehalose, 0.05 % chaps, 2 M urea, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant hemagglutinin of the Influenza A virus (A/swine/England/7856/2012 (H1N2)) consists of 519 amino acids and predicts a molecular mass of 58.8 kDa.
Endotoxin	< 1.0 EU per μg 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 be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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

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.

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