

Recombinant Influenza A H5N2 (A/ostrich/South Africa/AI1091/2006) HA protein(Met1-Arg355), His-tagged

Cat. No. HA-1105V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza hemagglutinin (A/ostrich/South Africa/AI1091/2006 (H5N2)) (ABQ24010.1)(Met 1-Arg 355), termed as HA1, was expressed in HEK293, fused with a polyhistidine tag at the C-terminus
Species	H5N2
Source	HEK293
ProteinLength	Met1-Arg355
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 secreted recombinant HA1 subunit of influenza A H5N1 HA (A/ostrich/South Africa/AI1091/2006 (H5N2)) comprises 338 amino acids and has a predicted molecular mass of 38.2 kDa. As a result of glycosylation, it migrates as an approximately 50 kDa band 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
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