Recombinant Influenza A H5N1 (A/Hong kong/213/2003) HA protein(Met1-Gln531 (S28W, cleavage site mutations (RRRKKR to TETR))), His-tagged

Cat. No. HA-3280V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A virus (A/Hong kong/213/2003(H5N1)) hemagglutinin (ABP51975.1, with mutation Ser 28 Trp and cleavage site mutations (RRRKKR to TETR)) (Met1-Gln531), termed as HA, was expressed in Insect Cells with a polyhistidine tag at the C-terminus.
Species	H5N1
Source	Insect Cells
ProteinLength	Met1-Gln531 (S28W, cleavage site mutations (RRRKKR to TETR))
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, pH 7.4, 10 % glycerol. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant hemagglutinin of Influenza A virus (A/Hong kong/213/2003(H5N1)) consists 524 amino acids and predicts a molecular mass of 59.9 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.

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

	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.
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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