

Recombinant Influenza A H5N1 (A/VietNam/1203/2004) HA protein(Met1-Arg342), His&Fc-tagged

Cat. No. HA-3216V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A Virus H5N1 Hemagglutinin (AAW80717.1)(Met 1-Arg 342), termed as HA1, was expressed in HEK293, fused with the C-terminal Fc region of Mouse IgG1 followed by a polyhistidine tag.
Species	H5N1
Source	HEK293
ProteinLength	Met1-Arg342
Form	Lyophilized from sterile 100mM NaAc, 10mM NaCl, 200mM Tris, pH 7.5. 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/VietNam/1203/2004 (H5N1)) hemagglutinin consists of 569 amino acids and predicts a molecular mass of 64.4 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

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

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