

Recombinant H5N1 (A/VietNam/1203/2004) HA Protein, Fc-tagged

Cat. No. HA-174V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant C-terminal segment (Gly 347-Gln 531) of hemagglutinin (Influenza A virus (A/Viet Nam/1203/2004 (H5N1)) (AAW80717.1), termed as HA2, was fused with the Fc region of mouse IgG1 at the N-terminus.
Species	H5N1
Source	HEK293
ProteinLength	347-531 a.a.
Predicted N Terminal	Glu
Form	Lyophilized from sterile 100mM NaAc, 10mM NaCl, 200mM Tris, pH 7.5, 5%~8% trehalose and mannitol.
Molecular Mass	Recombinant mFc/HA2 is a disulfide-linked homodimeric protein. The reduced monomer consists of 422 amino acids and has a calculated molecular mass of 47.9 kDa. As a result of glycosylation, the mFc/HA2 monomer migrates as an approximately 50-55 kDa protein 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.

 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



Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°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 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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