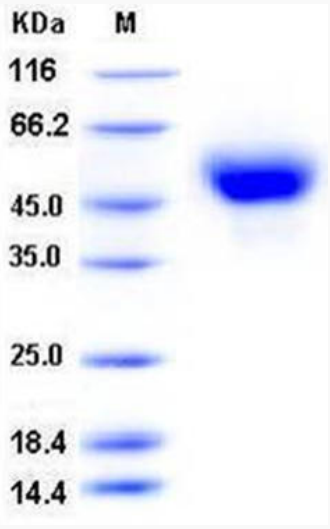
Recombinant H5N1 (A/Hong kong/213/2003) HA1 Subunit Protein(28 Ser/Trp mutation), His-tagged

Cat. No. HA-3133V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant H5N1 (A/Hong kong/213/2003) HA1 Subunit Protein(Met 1-Glu 340)(ABP51975.1) was expressed in HEK293, fused with a C-terminal polyhistidine tag, with one amino acid mutated (28 Ser / Trp).
Species	H5N1
Source	HEK293
ProteinLength	1-340 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The secreted recombinant HA1 subunit of influenza A H5N1 HA (A/Hong kong/213/03 (H5N1)) comprises 335 amino acids and has a predicted molecular mass of 38 kDa. As a result of glycosylation, it migrates as an approximately 45-50 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 97 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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.
SDS-PAGE	

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