

Recombinant H5N2 (A/ostrich/South Africa/AI1091/2006) HA Protein, His-tagged

Cat. No. HA-808V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant N-terminal segment (Met 1-Arg 355) of the influenza hemagglutinin (A/ostrich/South Africa/AI1091/2006 (H5N2)) (ABQ24010.1), termed as HA1, was fused with a polyhistidine tag at the C-terminus
Species	H5N2
Source	HEK293
ProteinLength	1-355 a.a.
Predicted N Terminal	Asp 29
Form	Lyophilized from sterile PBS, pH 7.4, 5% ~ 8% trehalose and mannitol.
Molecular Mass	The secreted recombinant HA1 subunit of influenza A H5N1 HA (A/ostrich/SouthAfrica/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 S
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.

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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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