

Recombinant Influenza A H5N1 (A/Common magpie/Hong Kong/2256/2006) HA Protein, His-tagged

Cat. No. HA-216H Lot. No. (See product label)

SPECIFICATION

| | |
|-----------------------------|---|
| Product Overview | Recombinant extracellular domain (Met 1-Glu 530) of the influenza hemagglutinin (A/Common magpie/Hong Kong/2256/2006 (H5N1)) (ABJ96777.1) (HA1+HA2, uncleaved, with the cleavage site mutated (RRRKR-TETR)), fused with a C-terminal polyhistidine tag, was expressed in HEK293 Cells. |
| Species | H5N1 |
| Source | HEK293 |
| ProteinLength | 1-530 a.a. |
| Predicted N Terminal | Asp 17 |
| Form | Lyophilized from sterile PBS, pH 7.4, 5% trehalose, 5% mannitol and 0.01% Tween80. |
| Molecular Mass | The secreted recombinant influenza A H5N1 (A/Common magpie/Hong Kong/2256/2006 (H5N1)) HA comprises 524 amino acids and has a predicted molecular mass of 59.6 kDa. As a result of glycosylation, it migrates as an approximately 70-80 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 |

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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 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 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

Shipping In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Official Symbol [HA](#)

Synonyms HA; Hemagglutinin

Protein Refseq [ABJ96777.1](#)

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