

Recombinant Influenza A H5N3 (A/duck/Hokkaido/167/2007) HA protein(Met1-Arg342), His-tagged

Cat. No. HA-3291V Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant Influenza A Hemagglutinin H5N3 (A/duck/Hokkaido/167/2007) (BAG07130.2)(Met 1-Arg 342), termed as HA1, was expressed in HEK293, fused with a C-terminal polyhistidine tag. |
| Species | H5N3 |
| Source | HEK293 |
| ProteinLength | Met1-Arg342 |
| Form | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. |
| Molecular Mass | The secreted recombinant HA1 subunit of influenza A H5N3 HA (A/duck/Hokkaido/167/2007 (H5N3)) comprises 337 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 | > 95 % 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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