

Recombinant H16N3 (A/black-headed gull/Sweden/5/99) HA Protein, His-tagged

Cat. No. HA-390V Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant extracellular domain (Met 1-Lys 529) of the influenza hemagglutinin (A/black-headed gull/Sweden/5/99 (H16N3)) (AAV91217.1) (HA1+HA2, uncleaved) was expressed, fused with a C-terminal polyhistidine tag.
Species	H16N3
Source	HEK293
ProteinLength	1-529 a.a.
Predicted N Terminal	Asp 20
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The secreted recombinant influenza A H16N3 HA (A/black-headed gull/Sweden/5/99 (H16N3)) comprises 521 amino acids and has a predicted molecular mass of 58.6 kDa. As a result of glycosylation, the apparent molecular mass of the protein is approximately 65 kDa 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.
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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