

Recombinant Influenza A H3N2 (A/Darwin/6/2021) HA protein(Met1-Asp529), His-tagged

Cat. No. HA-3365V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A H3N2 (A/Darwin/6/2021) Hemagglutinin (EPI1925255) (Met1-Asp529) was expressed in Insect Cells with a polyhistidine tag at the C-terminus.
Species	H3N2
Source	Insect Cells
ProteinLength	Met1-Asp529
Form	Lyophilized from sterile 20mM PB, 150mM NaCl, 5% glycerol, pH 7.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Influenza A H3N2 (A/Darwin/6/2021) Hemagglutinin consists of 524 amino acids and predicts a molecular mass of 58.84 kDa. It migrates as an approximately 63.69 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg 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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