Recombinant Influenza A H3N2 (A/Philippines/472/2002) HA Protein, His-tagged

Cat. No. HA-201H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A virus (A/Philippines/472/2002 (MDCK)(H3N2)) hemagglutinin (AIU46063.1) (Met1-Trp530), fused with a polyhistidine tag at the C-terminus, was expressed in Baculovirus-Insect Cells.
Species	H3N2
Source	Insect Cells
ProteinLength	1-530 a.a.
Predicted N Terminal	Gln 17
Form	Lyophilized from sterile 20mM PBS pH7.0, 500mM NaCl, 10%gly, 5% trehalose, 5% mannitol and 0.01% Tween80.
Molecular Mass	The recombinant HA subunit of the Influenza A virus (A/Philippines/472/2002 (MDCK)(H3N2)) hemagglutinin consists of 525 amino acids and predicts a molecular mass of 59.1 kDa.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Characteristic	Labeling ratio of biotin to protein is 5.51.

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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	AIU46063.1

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