Recombinant Influenza B (B/Colorado/06/2017) NP protein(Met1-Tyr560), His-tagged

Cat. No. NP-1131V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza B virus (B/Colorado/06/2017) nucleoprotein (translated amino acids of EPI969374) (Met1-Tyr560) was expressed in Insect Cells with a polyhistidine tag at the C-terminus.
Species	Influenza B
Source	Insect Cells
ProteinLength	Met1-Tyr560
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant nucleoprotein of Influenza B virus (B/Colorado/06/2017) consists of 571 amino acids and predicts a molecular mass of 63.1 kDa.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 90 % 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 be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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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