

Recombinant Influenza A virus PB2 Protein (M1-N759)

Cat. No. PB2-1539I **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A virus RdRp(M1-N759 end) protein without tag was expressed in Insect cell
Species	Influenza A virus
Source	Insect Cells
ProteinLength	M1-N759
Description	Plays an essential role in transcription initiation and cap-stealing mechanism, in which cellular capped pre-mRNAs are used to generate primers for viral transcription. Recognizes and binds the 7-methylguanosine-containing cap of the target pre-RNA which is subsequently cleaved after 10-13 nucleotides by the viral protein PA. Plays a role in the initiation of the viral genome replication and modulates the activity of the ribonucleoprotein (RNP) complex.
Form	Liquid
Endotoxin	< 0.01 EU/μg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade

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Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Official Symbol	PB2
Synonyms	Polymerase basic protein 2; PB2; Polymerase basic protein 2 Automatic Annotation; RNA-directed RNA polymerase subunit P3
UniProt ID	B6EES5

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