

Nucleoprotein (NP) Recombinant Protein | NP recombinant protein

Recombinant Influenza B virus Nucleoprotein (NP)

CATALOG # AAA244042	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Nucleoprotein (NP); Recombinant Influenza B virus Nucleoprotein (NP); Nucleocapsid protein (Protein N); NP recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process) If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyop
Sequence Positions	1-560aa; Full Length
Sequence	MSNMDIDGIN TGTIDKTPEE ITPGTSGTTR PIIRPATLAP PSNKRTRNPS PERATTSSSED DVGRKTQKKQ TPTEIKKSVY NMVVKLGEFY NQMMVKAGLN DDMERNLIQN AHAVERRILLA ATDDKKTEFQ KKKNARDVKE GKEEIDHNKT GGTFYKMVRD DKTIYFSPIR ITFLKEEVKT MYKTTMGSDG FSGLNHIMIG HSQMNDVCFQ RSKALKRVGL DPSLISTFAG STIPRRSGAT GVAIKGGGTL VAEAIRFIGR AMADRGLLRD IKAKTAYEKI LLNLKNKCSA PQQKALVDQV IGSRNPGIAD IEDLTLLARS MVVVRPSVAS KVVLPISIYA KIPQLGFNVE EYSMVGYEAM ALYNMATPVS ILRMGDDAKD KSQLFFMSCF GAAYEDLRVL SALTGTEFKP RSALKCKGFH VPAKEQVEGM GAALMSIKLQ FWAPMTRSGG NEVGDDGGSG QISCSPVFAV ERPIALSKQA VRRMLSMNIE GRDADVKGNL LKMMNDMAK KTSGNAFIGK KMFQISDKNK TNPVEIPIKQ TIPNFFFGRD TAEDYDDL DY
Species	Influenza B virus (B/Florida/4/2006)
Tag	N-terminal 10xHis-tagged
Function	Encapsidates the negative strand viral RNA, protecting it from nucleases. The encapsidated genomic RNA is termed the ribonucleoprotein (RNP) and serves as template for transcription and replication.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20 degree C/-80 degree C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Product Categories/Family for NP recombinant protein	Signal Transduction
References	"The NIAID Influenza Genome Sequencing Project."Spiro D., Halpin R., Boyne A., Bera J., Ghedin E., Hostetler J., Fedorova N., Hine E., Overton L., Djuric K., Sarmiento M., Sitz J., Katzel D., Manojkumar R., Devis R., Fulvini A., Silverman J., Le J. Tatusova T.Submitted (JUL-2008) to the EMBL/GenBank/DBJ databases

NCBI AND UNIPROT INFORMATION

UniProt Accession #	B4UQF0
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/nucleoprotein-np-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/244042>