



# Recombinant Influenza A virus Nucleoprotein (NP)

<b>Product Code</b>	CSB-YP304802IMB
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P69291
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Influenza A virus (strain A/Beijing/353/1989 H3N2)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MASQGTKRSY EQMETDGERQ NATEIRASVG KMIDGIGRFY IQMCTELKLS DYEGRLIQNS LTVERMVLSA FDERRNRYLE EHPSAGKDPK KTGGPYIKRV GGRWMRELV L YDKEEIRRIW RQANNGDDAT RGLTHMMIWH SNLNDTTYQR TRALVRTGMD PRMCSLMQGS TLP RRSGAAG AAVKGIGTMV MELIRMIKRG INDRNFWRGE NGRKTRSAYE RMCNILKGKF QTAAQRAMMD QVRESRNP GN AEIEDLIFSA RSALILRGSV AHKSCLPACV YGPAVSSGYD FEKEGYSLVG IDPFKLLQNS QVYSLIRPNE NPAHKSQLVW MACHSAAFED LRLLSFIRGT KVSPRGKLST RGVQIASNEN MDNMESSTLE LRSRYWAIRT RSGGNTNQQR ASAGQISVQP TFSVQRNL PF EKSTVMAAFT GNTEGRTSDM RAEIIRMMEG AKPEEVSFRG RGVFELSDEK ATNPVPSFD MSNEGSYFFG DNAEEYDN
<b>Source</b>	Yeast
<b>Target Names</b>	NP
<b>Protein Names</b>	Recommended name: Nucleoprotein Alternative name(s): Nucleocapsid protein Short name= Protein N
<b>Expression Region</b>	1-498
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.