



Recombinant Influenza A virus Nucleoprotein (NP)

Product Code	CSB-EP302450IGF-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P69296
Product Type	Recombinant Protein
Immunogen Species	Influenza A virus (strain A/Shanghai/16/1989 H3N2)
Purity	≥85% (SDS-PAGE)
Sequence	MASQGTKRSY EQMETDGERQ NATEIRASVG KMIDGIGRFY IQMCTELKLS DYEGRLIQNS LTVERMVLSA FDERRNRYLE EHPSAGKDPK KTGGPIYKRV GGRWMRELVL YDKEEIRRIW RQANNGDDAT RGLTHMMIWH SNLNDTTYQR TRALVRTGMD PRMCSLMQGS TLPRRSGAAG AAVKGIGTMV MELIRMIKRG INDRNFWRGE NGRKTRSAYE RMCNILKGKF QTAAQRAMMD QVRESRNPNGN AEIEDLIFSA RSALILRGSV AHKSCLPACV YGPAVSSGYD FEKEGYSLVG IDPFKLLQNS QVYSLIRPNE NPAHKSQLVW MACHSAAFED LRLLSFIRGT KVSPRGKLST RGVQIASNEN MDNMESSTLE LRSRYWAIRT RSGGNTNQQR ASAGQISVQP TFSVQRNLPF EKSTVMAAFT GNTGRTSDM RAEIIRMMEG AKPEEVSFRRG RGVFELSDEK ATNPVPSFD MSNEGSYFFG DNAEEYDN
Source	E.coli
Target Names	NP
Protein Names	Recommended name: Nucleoprotein Alternative name(s): Nucleocapsid protein Short name= Protein N
Expression Region	1-498
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
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°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	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.