



Recombinant Influenza A virus Nucleoprotein (NP)

| | |
|--------------------------|--|
| Product Code | CSB-EP728563IBL-B |
| Abbreviation | NP |
| Storage | 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. |
| Uniprot No. | Q6DPE8 |
| Product Type | Recombinant Protein |
| Immunogen Species | Influenza A virus (strain A/Chicken/Hong Kong/31.2/2002 H5N1 genotype X1) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | MASQGTKRSY EQMETGGERQ NATEIRASVG RMVSGIGRFY IQMCTELKLS DYEGRLIQNS ITIERMVLSA FDERRNRYLE EHPSAGKDPK KTGGPIYRRR DGKWWRELIL YDKEEIRRIW RQANNGEDAT AGLTHLMIWH SNLNDATYQR TRALVRTGMD PRMCSLMQGS TLPRRSGAAG AAIKGVGTMV MELIRMIKRG INDRNFWRGE NGRRTRIAYE RMCNILKGKF QTAAQRAMMD QVRESRNPNGN AEIEDLIFLA RSALILRGSV AHKSCLPACV YGLAVASGYD FEREGYSLVG IDPFRLQNS QVFLIRPNE NPAHKSQLVW MACHSAAFED LRVSSFIRGT RVVPRGQLST RGVQIASNEN MEAMDSNTLE LRSRYWAIRT RSGGNTNQQR ASAGQISVQP TFSVQRNLPF ERATIMAAFT GNTEGRTSDM RTEIIRMES ARPEDVSFQG RGVFELSDEK ATNPIVPSFD MNNEGSYFFG 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. |