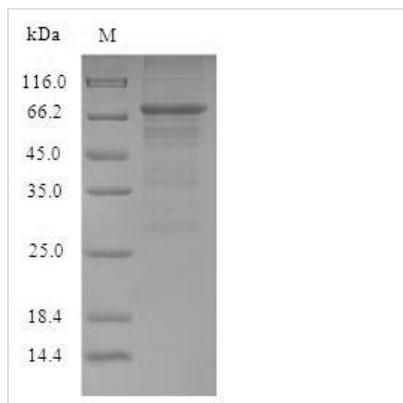




Recombinant Influenza A virus Nucleoprotein (NP)

Product Code	CSB-EP356056IFZ
Abbreviation	Recombinant Influenza A virus NP protein
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.	P03466
Product Type	Recombinant Protein
Immunogen Species	Influenza A virus (strain A/Puerto Rico/8/1934 H1N1)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MASQGTKRSYEQMETDGERQNATEIRASVVGKMIGGIGRFYIQMCTELKLSDYE GRLIQNSLTIERMVLSAFDERRNKYLEEHPSAGKDPKKTGGPIYRRVNGKWMR ELILYDKEEIRRIWRQANNGDDATAGLTHMMIWHSNLNDATYQRTRALVRTGM DPRMCSLMQGSTLPRRSGAAGAAVKGVGTMVMELVRMIKRGINDRNFWRGE NGRKTRIAYERM CNILKGFQTAAQKAMMDQVRESRNP GNAEFEDLTFLARS ALILRGSVAHK SCLPACVYGP AVASGYDFEREGYSLVGIDPF RLLQNSQVYSLI RPNENPAHKSQ LVWMACHSAAFEDLRVLSFIKGTKVLP RGLSTRGVQIASNE NMETMESSTLELR SRYWAIRTRSGGNTNQQRASAGQISIQPTFSVQRNLPFD RTTIMAAFNGNTEGRTSDMRTEIIRMMESARPEDVSFQGRGVFELSDEKAASP IVPSFDMSNEGSYFFGDNAEEYDN
Research Area	Microbiology
Source	E.coli
Target Names	NP
Protein Names	Recommended name: Nucleoprotein Alternative name(s): Nucleocapsid protein Short name= Protein N
Expression Region	1-498aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-B2M-tagged
Mol. Weight	70.2kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.