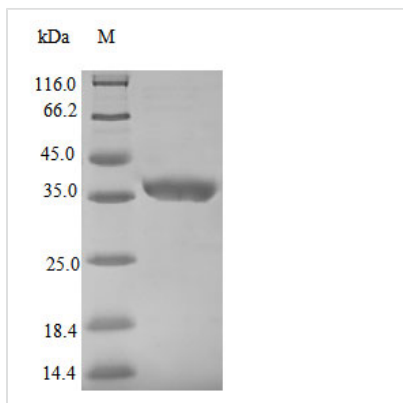




# Recombinant Zaire ebolavirus Nucleoprotein (NP), partial

<b>Product Code</b>	CSB-EP323576ZAB
<b>Relevance</b>	Encapsidates the genome, protecting it from nucleases. The encapsidated genomic RNA is termed the nucleocapsid and serves as tplate for transcription and replication. During replication, encapsidation by NP is coupled to RNA synthesis and all replicative products are resistant to nucleases.
<b>Abbreviation</b>	Recombinant Zaire ebolavirus NP protein, partial
<b>Storage</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.
<b>Uniprot No.</b>	P18272
<b>Alias</b>	Nucleocapsid protein ;Protein N
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Zaire ebolavirus (strain Mayinga-76) (ZEBOV) (Zaire Ebola virus)
<b>Purity</b>	≥ 90% as determined by SDS-PAGE.
<b>Sequence</b>	LDEDEDTKPVPNRSTKGGQKNSQKGGQHIEGRQTQSRPIQNVPGPHRTIHH ASAPLTDNDRRNEPSGSTSPRMLTPINEEADPLDDADDETSSLPPLESDDDEEQ DRDGTSNRTPTVAPPAPVYRDHSEKKELPQDEQQDQDHTQEARNQDSDNTQ SEHSFEEMYRHILRSQGPFDVLYYHMMKDEPVVVFSTSDGKEYTYPDSLEEE YPPWLTEKEAMNEENRFVTLDGQQFYWPVMNHKNKFMALQHHQ
<b>Source</b>	E.coli
<b>Target Names</b>	NP
<b>Expression Region</b>	488-739aa
<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>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	33.1 kDa
<b>Protein Length</b>	Partial
<b>Image</b>	



(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.