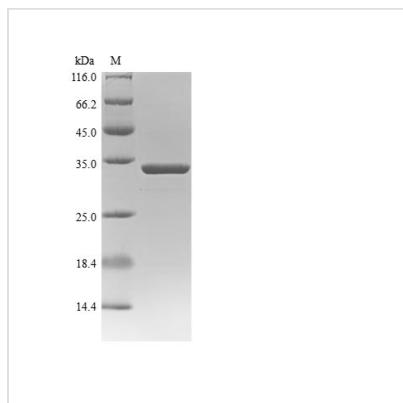


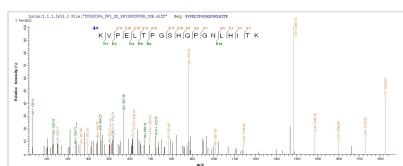


Recombinant Sudan ebolavirus Nucleoprotein (NP), partial

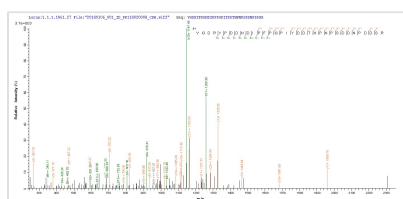
Product Code	CSB-EP882531SRC
Relevance	Encapsidates the genome, protecting it from nucleases. The encapsidated genomic RNA is termed the nucleocapsid and serves as template for transcription and replication. During replication, encapsidation by NP is coupled to RNA synthesis and all replicative products are resistant to nucleases (By similarity).
Abbreviation	Recombinant Sudan ebolavirus NP protein, partial
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.	Q9QP77
Alias	Nucleocapsid protein Short name: Protein N
Product Type	Recombinant Protein
Immunogen Species	Sudan ebolavirus
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	NVGEQYQQLREAATEAEKQLQQYAETRELDNLGLDEQEKKILMSFHQKKNEIS FQQTNAMVTLRKERLAKLTEAITTASKIKVGDRYPDDNDIPFPGPIYDDTHPNP SDDNPDDSRDTTIPGGVVDPYDDESNNYPDYEDSAEGTTGDLDLFLNDDDDDD DSRPGPPDRGQNKERAARTYGLQDPTLDGAKKVPELTPGSHQPGNLHITKSG SNTNQPPQGNMSSTLHSMTPIQEESEPDDQKDNDDESLTSLDSEGEDGESIS EENTPTVAP
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	335-606aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	34.1kDa
Protein Length	Partial
Image	



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



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP882531SRC could indicate that this peptide derived from E.coli-expressed Sudan ebolavirus (strain Boniface-76) (SEBOV) (Sudan Ebola virus) NP.



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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.