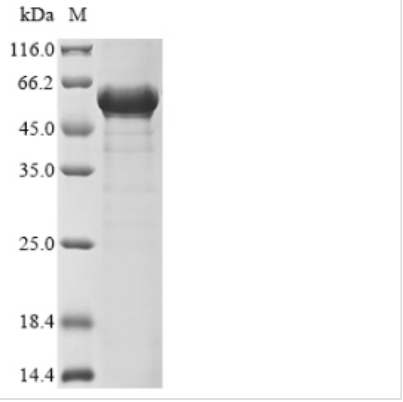
Recombinant Bovine coronavirus Nucleoprotein (N)

Product Code	CSB-EP320768BJK
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.	P10527
Storage Buffer	Tris-based buffer?50% glycerol
Product Type	Recombinant Proteins
Immunogen Species	Bovine coronavirus (strain Mebus) (BCoV)(BCV)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	MSFTPGKQSSSRASFGNRSGNGILKWADQSDQSRNVQTRGRRAQPKQTATS QLPSGGNVVPYYSWFSGITQFQKGKEFEFAEGQGVPIAPGVPATEAKGYWYR HNRRSFKTADGNQRQLLPRWYFYYLGTGPHAKDQYGTDIDGVFWVASNQAD VNTPADILDRDPSSDEAIPTRFPPGTVLPQGYYIEGSGRSAPNSRSTSRASSRA SSAGSRSRANSGNRTPTSGVTPDMADQIASLVLAKLGKDATKPQQVTKQTAK EIRQKILNKPRQKRSPNKQCTVQQCFGKRGPNQNFGGGEMLKLGTSDPQFPI LAELAPTAGAFFFGSRLELAKVQNLSGNLDEPQKDVYELRYNGAIRFDSTLSG FETIMKVLNENLNAYQQQDGMMNMSPKPQRQRGQKNGQGENDNISVAAPKS RVQQNKSRELTAEDISLLKKMDEPYTEDTSEI
Lead Time	3-7 business days
Research Area	Signal Transduction
Source	E.coli
Gene Names	N
Protein Names	Recommended name: NucleoproteinAlternative name(s): Nucleocapsid protein Short name= NC Short name= Protein N
Expression Region	1-448aa
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	55.3 kDa
Protein Description	Full Length
Image	



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

Description

Intact bovine coronavirus (BCoV) nucleoprotein(N) cDNA (1-448AA) with an N-terminal 6xHis-tag was expressed in E.coli. The product is the recombinant full-length BCoV-N protein. The purity of this protein is greater than 85% determined by SDS-PAGE. Its predicted molecular weight is about 55.3 kDa. In addition to producing specific antibodies, this recombinant BCoV-N protein may be used in signal transduction studies.