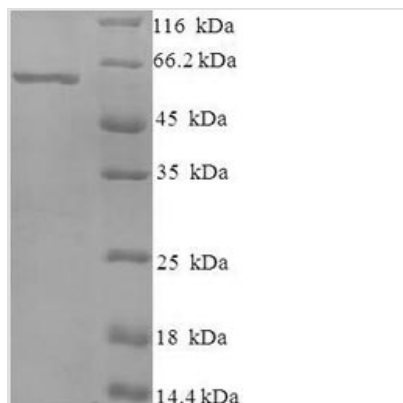


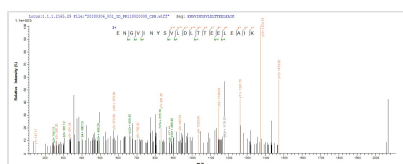


Recombinant Bovine respiratory syncytial virus Nucleoprotein (N)

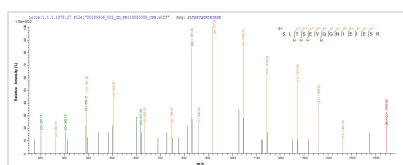
Product Code	CSB-EP339612BKT
Relevance	Encapsidates the genome, protecting it from nucleases. The nucleocapsid (NC) has a helical structure. The encapsidated genomic RNA is termed the NC and serves as template for transcription and replication. During replication, encapsidation by N is coupled to RNA synthesis and all replicative products are resistant to nucleases .
Abbreviation	Recombinant Bovine respiratory syncytial virus N 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.	P35943
Alias	Nucleocapsid protein
Product Type	Recombinant Protein
Immunogen Species	Bos taurus (Bovine)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MALSKVKLNDFNKGDKLLSTSKYTIQRSTGDNIDIPNYDVQKHLNKLKCGMILLITE DANHKFTGLIGMLYAMSRLGREDTLKILKDAGYQVRANGVDVITHRQDVNGKE MKFEVLTLVSLTSEVQGNIEIESRKSYSKKMLKEMGEVAPEYRHDFPDCGMIVL CVAALVITKLAAGDRSGLTAVIRRANNVLRNEMKRYKGLIPKDIANSFYEVFEKY PHYIDVFVHFGIAQSSTRGGSRVGIFAGLFMNAYGAGQVMLRWGVLAKSVK NIMLGHASVQAEMEQVVEVYEYAQKLGGEAGFYHILNNPKASLLSLTQFPNFS SVVLGNAAGLGIMGEYRGTPRNQDLYDAAKAYAEQLKENGVINYSVLDLTTEE LEAIKNQLNPKDNDVEL
Research Area	Others
Source	E.coli
Target Names	N
Expression Region	1-391aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	59.6kDa
Protein Length	Full Length
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-EP339612BKT could indicate that this peptide derived from E.coli-expressed Bos taurus (Bovine) N.



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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.