

Recombinant Bovine respiratory syncytial virus Nucleoprotein(N)

Catalog No: #AP71076

Package Size: #AP71076-1 20ug #AP71076-2 100ug #AP71076-3 1mg

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Description

Product Name	Recombinant Bovine respiratory syncytial virus Nucleoprotein(N)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-391aaSequence Info:Full Length
Other Names	Nucleocapsid protein
Accession No.	P35943
Calculated MW	59.6 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MALSKVKLNDFNKGQLLSTSKYTIQRSTGDNIDIPNYDVQKHLNKLKCGMLLITEDANHKFTGLIGMLYAMSRL GREDTLKILKDAGYQVRANGVDVITHRQDVNGKEMKFEVLTLVSLTSEVQGNIEIESRKSYKKMLKEMGEVAP EYRHDFPDCGMIVLCVAALVITKLAAGDRSGLTAVIRRANNVLRNEMKRYKGLIPKDIANSFYEVFEKYPHYIDV FVHFGIAQSSTRGGSRVGIFAGLFMNAYGAGQVMLRWGVLAHSVKNIMLGHASVQAEMEQQVEVVEYEAQK LGGEAGFYHILNPNKASLLSLTQFPNFSSVVLGNAAGLGIMGEYRGTPRNQDLYDAAKAYAEQLKENGVINYS VLDLTTEELEAIKNQLNPKDNDVEL
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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 .

References

Bovine respiratory syncytial virus nucleocapsid protein mRNA sequence analysis and expression from recombinant vaccinia virus vectors.Amann V.L., Lerch R.A., Anderson K., Wertz G.W.J. Gen. Virol. 73:999-1003(1992)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.