

Recombinant Zaire ebolavirus Nucleoprotein(NP) ,partial

Catalog No: #AP71016

Package Size: #AP71016-1 20ug #AP71016-2 100ug #AP71016-3 1mg

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Description

Product Name	Recombinant Zaire ebolavirus Nucleoprotein(NP) ,partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:488-739aaSequence Info:Partial
Other Names	Nucleocapsid protein ;Protein N
Accession No.	P18272
Calculated MW	33.1? kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	LDEDDDTKVPVNRSTKGGQKNSQKGQHIEGRQTQSRPIQNVPGPHRTIHHASAPLTDNDRRNEPSGSTSP RMLTPINEEADPLDDADDETSSLPPLESDDDEEQDRDGTSNRTPTVAPPAPVYRDHSEKKELPQDEQQDQDHT QEARNQSDNTQSEHSFEEMYRHILRSQGPFDAVLYYHMMKDEPVVFSTSDGKEYTYPDSLEEEYPPWLTE KEAMNEENRFVTLDGQQFYWPVMNHKNKFMALQHHQ
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 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.

References

Mapping of the VP40-binding regions of the nucleoprotein of Ebola virus.Noda T., Watanabe S., Sagara H., Kawaoka Y.J. Virol. 81:3554-3562(2007)Research Topic:Others

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