

Nipah virus/HeV Protein N/Nucleoprotein Recombinant protein

Catalog # ASC12280

Product Information

Application	WB, E, IM
Primary Accession	Q9IK92
Calculated MW	58168

Additional Information

Gene ID	920951
Other Names	Nucleoprotein, Protein N, Nucleocapsid protein, N, Nipah Virus (NiV) / Hendra Virus (HeV)
Reconstitution & Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 °C for one week. Store at -20 to -80 °C for twelve months from the date of receipt.
Precautions	Nipah virus/HeV Protein N/Nucleoprotein Recombinant protein is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	N
Function	Forms the helical nucleocapsid (NC) in a ratio of 1 N per 6 ribonucleotides, protecting the genome from nucleases (PubMed: 34270629). The nucleocapsid (NC) has a helical structure with either 13.4 N per turn, approximately 20 nm in diameter, with a hollow central cavity of 56 nm in diameter (PubMed: 34270629). The encapsidated genomic RNA serves as template for transcription and replication; encapsidation by N is coupled to RNA synthesis (By similarity). Forms the encapsidation complex with the phosphoprotein protein P (By similarity). Before encapsidation, the newly synthesized free N protein, so-called N0, is chaperoned by P (PubMed: 25108352).
Cellular Location	Virion. Host cytoplasm.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.