

Nipah virus/NiV M/Matrix Recombinant protein

Catalog # ASC12278

Product Information

Application	WB, E, IM
Primary Accession	Q9IK90
Calculated MW	39928

Additional Information

Gene ID	920953
Other Names	Matrix protein, Protein M, M protein, Nipah Virus (NiV)
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/NiV M/Matrix Recombinant protein is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	M
Function	Plays a crucial role in virion assembly and budding. Forms a shell at the inner face of the plasma membrane (PubMed: 17005661 , PubMed: 17204159 , PubMed: 19000317). Transits through the host nucleus before gaining the functional ability to localize and bud from the plasma membrane (PubMed: 21085610). Mediates together with fusion protein the incorporation of the glycoprotein to the viral particles (PubMed: 28250132). Also participates in the inhibition of the host interferon type I antiviral response by interacting with and thereby inhibiting host TRIM6 (PubMed: 27622505).
Cellular Location	Virion. Host cytoplasm. Host cell membrane. Host nucleus. Note=During bud formation, associates at the inner side of the plasma membrane of infected cells. Nuclear- cytoplasmic trafficking is essential for budding and requires matrix ubiquitination.

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