



Recombinant Nipah Virus G Protein [His] (DAG-WT634)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	A DNA sequence encoding the Nipah virus G protein (a.a 71-602) was expressed with a polyhistidine tag at the N-terminus
Purity	> 95% as determined by SDS-PAGE
Conjugate	His
Applications	ELISA
Molecular Weight	61 kDa
Format	Liquid
Size	50 µg, 500 µg
Buffer	PBS, pH7.4
Storage	Store at -20°C to -80°C

BACKGROUND

Introduction	Nipah virus (NiV) is a member of the family Paramyxoviridae, genus Henipavirus. NiV was initially isolated and identified in 1999 during an outbreak of encephalitis and respiratory illness among pig farmers and people with close contact with pigs in Malaysia and Singapore. Nipah virus is in the newly created Henipavirus genus with the closely related Hendra virus and Cedar virus. The Henipavirus family is pleomorphic, meaning their shape is varied, and traditionally 40 to 600 nm in diameter. The core of a virion contains a linear ribonucleoprotein (RNP) comprising of negative sense single stranded RNA.
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Keywords

Nipah virus; Niv; Glycoprotein

GENE INFORMATION

UniProt ID

Q9IH62
