

Hendra virus Glycoprotein/GP Protein (HEK293, Fc)

Cat. No.:	HY-P74900
Synonyms:	Hendra virus (HeV) (isolate Horse/Australia/Hendra/1994) Glycoprotein Protein (Fc)
Species:	Virus
Source:	HEK293
Accession:	O89343 (Q71-S604)
Gene ID:	1446471
Molecular Weight:	Approximately 86.3 kDa

PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice

DESCRIPTION

Background	The Hendra virus Glycoprotein/GP plays a pivotal role in initiating infection by attaching the virus to sialic acid-containing cell receptors. Upon binding to the receptor, glycoprotein G induces a conformational change that facilitates the triggering of fusion between virion and cell membranes by the F protein.
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Caution: Product has not been fully validated for medical applications. For research use only.

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