

HA/Hemagglutinin Protein, Influenza B (sf9, His)

Cat. No.:	HY-P73240
Synonyms:	HA; Hemagglutinin
Species:	Virus
Source:	Sf9 insect cells
Accession:	ACO05957.1 (M1-A556)
Gene ID:	/
Molecular Weight:	Approximately 60 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20 mM Tris, 500 mM NaCl, 10% Glycerol, pH 8.0. 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	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	Hemagglutinin (HA) is a class I viral fusion protein which is responsible for penetration of the virus into the cell cytoplasm by mediating the fusion of the membrane of the endocytosed virus particle with the endosomal membrane. HA binds to sialic acid-containing receptors on the cell surface to bring about the attachment of the virus particle to the cell, and plays a major role in the determination of host range restriction and virulence.
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Caution: Product has not been fully validated for medical applications. For research use only.

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