

## HA/Hemagglutinin Protein, Influenza B (AGB07680, sf9)

Cat. No.:	HY-P75011
Synonyms:	Influenza B (B/Massachusetts/03/2010) Hemagglutinin / HA0 Protein (sf9)
Species:	Virus
Source:	Sf9 insect cells
Accession:	AGB07680 (M1-L585)
Gene ID:	/
Molecular Weight:	Approximately 61.7 kDa

### PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 $\mu$ m filtered solution of 20 mM Tris, 150 mM NaCl, pH 7.5, 5% Glycerol. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/ $\mu$ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/mL in ddH <sub>2</sub> 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	ANGPT1 encodes a secreted glycoprotein in the angiotensin family and is a key ligand in the vasotransmembrane kinase signaling pathway. ANGPT1 stimulates angiogenesis by activating PTK2/FAK and downstream kinase MAPK1/ERK2 and MAPK3/ERK1 signaling pathways. The Angiotensin-1 Protein regulates the formation and stability of blood vessels and plays an important role in vascular development. ANGPT1 affects the proliferation, migration and differentiation of skeletal muscle cells <sup>[1][2][3]</sup> .
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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