

## Ebola virus VP40/Matrix VP40 Protein (B8XCM9, His)

Cat. No.:	HY-P75716
Synonyms:	Ebola virus EBOV (subtype Bundibugyo, strain Uganda 2007) VP40 / Matrix protein VP40 Protein (His)
Species:	Virus
Source:	E. coli
Accession:	B8XCM9 (A31-K326)
Gene ID:	9487264
Molecular Weight:	Approximately 34.4 kDa

### PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 $\mu$ m filtered solution of 50 mM Tris, 500 mM NaCl, pH 8.0. 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	The Ebola virus VP40/Matrix VP40 protein is crucial for the assembly and budding of virus particles. It facilitates virus assembly and budding by interacting with host proteins involved in the multivesicular body pathway.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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