



# Certificate of Analysis

## Large envelope Protein, HBV-D (Cell-Free, His)

Cat. No.:	HY-P702356
Batch No.:	319079
Species:	Virus
Source:	<i>E. coli</i> Cell-free
Tag:	N-10*His
Accession:	P03138 (G2-I389)
Gene ID:	/
Molecular Weight:	Monomer:40 kDa Dimer:80 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	90.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add 5-50% of glycerol (final concentration). Our default final concentration of glycerol is 50%. Customers could use it as reference.	
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.	

**Caution: Product has not been fully validated for medical applications. For research use only.**

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