



# Certificate of Analysis

## BPHL Protein, Human (His)

Cat. No.:	HY-P76177
Batch No.:	400114
Species:	Human
Source:	<i>E. coli</i>
Tag:	N-6*His
Accession:	Q86WA6-1 (S38-Q291)
Gene ID:	670
Molecular Weight:	Approximately 30 kDa.

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	≥98.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Defined as the amount of valacyclovir that 1μg of BPHL can hydrolysis at 37°C for 1 minute. The specific activity is 25.264 pmol/min/μg.	25.264 pmol/min/μg
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/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.	

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

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