



Certificate of Analysis

Biotinidase/BTD Protein, Human (HEK293, His)

Cat. No.:	HY-P72857
Batch No.:	274329
Species:	Human
Source:	HEK293
Tag:	C-10*His
Accession:	P43251 (A42-D543)
Gene ID:	686
Molecular Weight:	75-90 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	<1 EU/μg
Biological Activity	Measured by its ability to hydrolyze the substrate biotin 4-Nitrophenyl ester (BNP). The specific activity is 99.92 pmol/min/μg, as measured under the described conditions.	99.92 pmol/min/μg
Appearance	Lyophilized powder	
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. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. 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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