



# Certificate of Analysis

## CNDP1 Protein, Mouse (HEK293, His)

Cat. No.: HY-P76272  
 Batch No.: 406882  
 Species: Mouse  
 Source: HEK293  
 Tag: C-10\*His  
 Accession: Q8BUG2 (M1-Y492)  
 Gene ID: 338403  
 Molecular Weight: Approximately 57 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	Measured by its ability to cleave 2mM carnosine (beta-Ala-L-His) in a two-step assay for 30 min at 25°C. The specific activity is 3557.59 pmol/min/μg.	3557.59 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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