



Certificate of Analysis

Carboxypeptidase B2/CPB2 Protein, Rat (HEK293, His)

Cat. No.:	HY-P75449
Batch No.:	471116
Species:	Rat
Source:	HEK293
Tag:	C-10*His
Accession:	Q9EQV9 (F22-S422)
Gene ID:	113936
Molecular Weight:	Approximately 55-75 kDa due to the glycosylation.

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	Specific activity is determined by a kinetic assay using Hippuryl-L-Arginine as substrate. One unit equals one micromole of Hippuryl-L-Arginine hydrolyzed per minute. Specific activity is reported in Units per milligram. This experiment requires the use of 1 mM substrate and incubation at room temperature for 30 minutes. The specific activity is 14 U/mg.	14 U/mg
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 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA