



Certificate of Analysis

Carbonic Anhydrase 2 Protein, Mouse (His)

Cat. No.: HY-P72861
Batch No.: 291078
Species: Mouse
Source: HEK293
Tag: C-His
Accession: AAH55291 (S2-K260)
Gene ID: 12349
Molecular Weight: 30-35 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.	PASS
Biological Activity	Measured by its esterase activity. The specific activity is > 400 pmol/min/μg.	>595 pmol/min/μg
Appearance	Solution	
Concentration	2.6 mg/mL	
Reconstitution	N/A.	
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice	

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

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