



Certificate of Analysis

Carbonic Anhydrase 2 Protein, Human (C-His,Solution)

Cat. No.:	HY-P72860
Batch No.:	269062
Species:	Human
Source:	<i>E. coli</i>
Tag:	C-His
Accession:	NP_000058.1 (M1-K260)
Gene ID:	760
Molecular Weight:	Approximately 30 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	96.20%
Endotoxin Level	<1 EU/μg, determined by LAL method.	<1 EU/μg
Biological Activity	Measured by its esterase activity and the specific activity is >150 pmoles/min/μg.	>500 pmoles/min/μg
Appearance	Solution.	
Concentration	1.96 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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