



# Certificate of Analysis

## Carbonic Anhydrase 9 Protein, Human (HEK293, Fc)

Cat. No.:	HY-P72863
Batch No.:	239328
Species:	Human
Source:	HEK293
Tag:	C-hFc
Accession:	NP_001207.2 (Q38-D414)
Gene ID:	768
Molecular Weight:	Approximately 67.4 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE	93.80%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its esterase activity and the specific activity is >50 pmoles/min/μg.	201 pmoles/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. 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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