



# Certificate of Analysis

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

|                   |                         |
|-------------------|-------------------------|
| Cat. No.:         | HY-P70064               |
| Batch No.:        | 717780                  |
| Species:          | Human                   |
| Source:           | HEK293                  |
| Tag:              | C-6*His                 |
| Accession:        | Q16790 (Q38-D414)       |
| Gene ID:          | 768                     |
| Molecular Weight: | Approximately 45-60 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    |
| Appearance          | Lyophilized powder                                                                                                                                                                                                              |         |
| Reconstitution      | It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).               |         |
| Storage & Stability | Stored at -20°C for 2 years from date of receipt. 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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