



# Certificate of Analysis

## Serpin A8/Angiotensinogen Protein, Mouse (HEK293, His)

|                   |                         |
|-------------------|-------------------------|
| Cat. No.:         | HY-P73652               |
| Batch No.:        | 322015                  |
| Species:          | Mouse                   |
| Source:           | HEK293                  |
| Tag:              | C-His                   |
| Accession:        | P11859 (D25-V477)       |
| Gene ID:          | 11606                   |
| Molecular Weight: | Approximately 50-70 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    |
| Biological Activity | Measured in a cell proliferation assay using HT-29 human coloncancer cells. The ED <sub>50</sub> for this effect is 41.71 ng/mL, corresponding to a specific activity is 2.398×10 <sup>4</sup> Unit/mg.           | 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. 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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