



# Certificate of Analysis

## Alpha-2-Antiplasmin/Serpin F2 Protein, Human (HEK293, His)

|                   |                      |
|-------------------|----------------------|
| Cat. No.:         | HY-P76720            |
| Batch No.:        | 264796               |
| Species:          | Human                |
| Source:           | HEK293               |
| Tag:              | C-His                |
| Accession:        | P08697 (M1-K491)     |
| Gene ID:          | 5345                 |
| Molecular Weight: | Approximately 70 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.  | PASS    |
| Biological Activity | Measured by its ability to inhibit trypsin cleavage of a fluorogenic peptide substrate, Mca-RPKPVE-Nval-WRK(Dnp)-NH <sub>2</sub> (Anaspec). The IC <sub>50</sub> value is < 0.5 nM.                        | 0.2 nM  |
| 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 (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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA