



Certificate of Analysis

PAM Protein, Human (HEK293, His)

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|-------------------|------------------------|
| Cat. No.: | HY-P73731 |
| Batch No.: | 307266 |
| Species: | Human |
| Source: | HEK293 |
| Tag: | C-His |
| Accession: | P19021-2 (M1-S866) |
| Gene ID: | 5066 |
| Molecular Weight: | Approximately 94.4 kDa |

ANALYTICAL DATA

| TEST | Specifications | Results |
|---------------------|--|--------------------|
| Purity | Greater than 90% as determined by reducing SDS-PAGE. | 96.60% |
| Endotoxin Level | <1 EU/μg, determined by LAL method. | PASS |
| Biological Activity | Measured by its ability to convert Hippurate to Benzamide and Glyoxylate. The specific activity is 731.87 pmol/min/μg, as measured under the described conditions. | 731.87 pmol/min/μg |
| Appearance | Lyophilized powder | |
| Reconstitution | It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ 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