



Certificate of Analysis

BACE1 Protein, Human (HEK293)

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|-------------------|------------------------|
| Cat. No.: | HY-P72840 |
| Batch No.: | 290185 |
| Species: | Human |
| Source: | HEK293 |
| Tag: | Tag Free |
| Accession: | NP_036236.1 (T22-T457) |
| Gene ID: | 23621 |
| Molecular Weight: | Approximately 65 kDa |

ANALYTICAL DATA

| TEST | Specifications | Results |
|---------------------|--|------------------|
| Purity | Greater than 95% as determined by reducing SDS-PAGE | ≥97.0% |
| Endotoxin Level | <1 EU/μg, determined by LAL method. | PASS |
| Biological Activity | Measured by its ability to cleave a fluorogenic peptide substrate, Mca-SEVNLDAEFRK(Dpn)RR-NH ₂ . Read at excitation and emission wavelengths of 320 nm and 405 nm. The specific activity is 1.79 pmol/min/μg, as measured under the described conditions. | 1.79 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. 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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