



# Certificate of Analysis

## TCPTP Protein, Mouse (sf9, His)

|                   |                         |
|-------------------|-------------------------|
| Cat. No.:         | HY-P76669               |
| Batch No.:        | 252789                  |
| Species:          | Mouse                   |
| Source:           | <i>Sf9 insect cells</i> |
| Tag:              | N-His                   |
| Accession:        | Q06180 (S2-N314)        |
| Gene ID:          | 19255                   |
| Molecular Weight: | Approximately 42 kDa    |

### ANALYTICAL DATA

| TEST                | Specifications                                                                                                                                                                      | Results          |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Purity              | Greater than 90% as determined by reducing SDS-PAGE                                                                                                                                 | 96.80%           |
| Endotoxin Level     | <1 EU/μg, determined by LAL method.                                                                                                                                                 | PASS             |
| Biological Activity | Measured by its ability to dephosphorylate a phosphotyrosine residue in an EGF receptor 988-998 phosphopeptide substrate and the specific activity is > 15 nmoles/min/μg.           | 16 nmoles/min/μg |
| 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. 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](mailto:tech@MedChemExpress.com)

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