

**TPO/THPO (N, C-6His), Human, Recombinant****Cat. No. : GPCK217****产品信息**

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|------|--|
| 物种   | Human  |
| 表达宿主 | Human Cells  |
| 序列信息 | Ser22-Gly353   |
| 检索号  | P40225   |
| 标签   | N,C-6His   |
| 分子量  | 37.3 kDa   |
| 有效期  | 12 months  |
| 生物活性 | Measured in a cell proliferation assay using M07E human megakaryocytic leukemic cells. The ED50 for this effect is 0.55 ng/mL. |

**产品特性**

|             |   |
|-------------|---|
| 内毒素 (EU/μg) | < 0.1   |
| 保存          | Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.   |
| 运输          | Ambient temperature or ice pack.  |
| 制剂          | Lyophilized from a 0.2 μm filtered solution of 20 mM Tris, 150 mM NaCl, pH 8.0.   |
| 复溶          | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/mL. Dissolve the lyophilized protein in sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |

**背景介绍**

Thrombopoietin (TPO) is a glyco Protein hormone which belongs to the EPO/TPO family. It produced by the liver and kidney which regulates the production of platelets. TPO stimulates the production and differentiation of megakaryocytes, the bone marrow cells that bud off large numbers of platelets. Lineage-specific Cytokine affects the proliferation and maturation of megakaryocytes from their committed progenitor cells. It acts at a late stage of megakaryocyte development. It may be the major physiological regulator of circulating platelets.

