

**Human CellExp TPO, Human recombinant protein**  
**Human Cellexp Human Recombinant TPO**  
**Catalog # PBV10715r****Specification**

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**Human CellExp TPO, Human recombinant protein - Product info**

Primary Accession [P40225](#)  
Calculated MW **80 to 85 kDa, monomer, glycosylated KDa**

**Human CellExp TPO, Human recombinant protein - Additional Info**

Gene ID **7066**  
Gene Symbol **THPO**

**Other Names**

Megakaryocyte colony-stimulating factor, Myeloproliferative leukemia virus oncogene ligand, C-mpl ligand, ML, Megakaryocyte growth and development factor, MGDF, TPO, MKCSF, MPLLG, MGC163194, THPO.

Gene Source **Human**  
Source **Human 293 cell expressed**  
Assay&Purity **SDS-PAGE; > 95%**  
Assay2&Purity2 **N/A;**  
Recombinant **Yes**  
Results **0.5 to 5 ng/ml**

**Application Notes**

Reconstitute in sterile PBS containing 0.1% endotoxin-free recombinant human serum albumin.

**Format**

Lyophilized

**Storage**

-80°C; Lyophilized in PBS.

**Human CellExp TPO, Human recombinant protein - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Human CellExp TPO, Human recombinant protein - Images****Human CellExp TPO, Human recombinant protein - Background**

TPO (Thrombopoietin, also known as Mpl-ligand, MGDF), a glycoprotein hormone produced mainly by the liver and the kidney, stimulates the proliferation and maturation of megakaryocytes and promotes increased circulating levels of platelets in vivo. TPO signals through the c-mpl receptor and acts as an important regulator of circulating platelets.

#### **Human CellExp TPO, Human recombinant protein - References**

de Sauvage F.J.,et al.Nature 369:533-538(1994).  
Bartley T.D.,et al.Cell 77:1117-1124(1994).  
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Sohma Y.,et al.FEBS Lett. 353:57-61(1994).  
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