

## 32-6587: TPO Human, His

**Alternative Name :** MPL Ligand, THCYT1, MPLLG, TPO, ML, Thrombopoietin Nirs Variant 1, MKCSF, Thrombopoietin, Myeloproliferative Leukemia Virus Oncogene Ligand, Megakaryocyte Growth and Development Factor, Megakaryocyte Colony-Stimulating Factor, C-Mpl Ligand, MGDF, Megakaryocyte Stimulating Factor, Prepro-Thrombopoietin.

### Description

Source: Sf9, Insect cell.

Sterile Filtered clear solution.

TPO produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 340 amino acids (22-353aa.) and having a molecular mass of 36.5kDa. (Molecular size on SDS-PAGE will appear at approximately 40-57kDa).TPO is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques..

### Product Info

**Amount :** 2 µg / 10 µg

**Purification :** Greater than 85% as determined by SDS-PAGE.

**Content :** TPO protein solution (0.25mg/ml) contains phosphate buffered saline (pH7.4) and 10% glycerol.

**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

**Amino Acid :** SPAPPACDLR VLSKLLRDSH VLHSRLSQCP EVHPLPTPV LPAVDFSLGE WKTQMEETKA QDILGAVTLL LEGVMAARGQ LGPTCLSSLL GQLSGQVRLL LGALQSLLGT QLPPQGRRTA HKDPNAIFLS FQHLLRGKVR FLMLVGGSTL CVRRAPPTTA VPSRTSLVLT LNELPNRTSGLLETNFTASA RTTGSGLLKW QQGFRKIPG LLNQTSRSLD QIPGYLNRIH ELLNGTRGLF PGPSRRTLGA PDISSGTSDT GSLPPNLQPG YSPSPHTPPT GQYTLFPLPP TLPTPVVQLH PLLPDPSAPT PTPTSPLLNT SYTHSQNLSQ EGLEHHHHHH.