

Human TPO Recombinant Protein



RPPB1051

Product Information Protein Information

Product SKU:

RPPB1051

Accession:

P40225

Host:

Sf9, Insect cell.

Protein description:

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..

Appearance:

Sterile Filtered clear solution.

Synonyms:

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.

Formulation:

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

Purity:

Greater than 85% as determined by SDS-PAGE.

Stability:

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 Sequence:

SPAPPACDLR VLSKLLRDSH VLHSRLSQCP EVHPLPTPVL LPAVDFSLGE WKTQMEETKA QDILGAVTLL
LEGVMAARGQ LGPTCLSSLL QLSGQVRLR LGALQSLLGT QLPPQGRRTA HKDPNAIFLS FQHLLRGKVR
FLMLVGGSTL CVRRAPPTTA VPSRTSLVLT LNELPNRTSGLLETNFTASA RTTGSGLLKW QQGFRKIPG
LLNQTSRSLD QIPGYLNRIH ELLNGTRGLF PGPSRRTLGA PDISSGTSDT GSLPPNLQPG YSPSPHTPPT
GQYTLFPLPP TLPTPVVQLH PLLPDPSAPT PTPTSPLLNT SYTHSQNLSQ EGLEHHHHHHH.