9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

TPO Human, His

Thrombopoietin Human Recombinant, His Tag
CYK0607

Product Overview

Name	TPO Human, His
Description	
Thrombopoietin Human Recombinant, His Tag	
Accession (Primary)	P40225
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.	
Introduction	
Thrombopoietin is a glycoprotein hormone produced mainly by the liver and the kidney which regulates the production of platelets by the bone marrow. TPO stimulates the production as well as differentiation of megakaryocytes, the bone marrow cells which fragment into large numbers of platelets.	
Source	
Sf9, Insect cell.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
TPO protein solution (0.25mg/ml) contains phosphate buffered saline (pH7.4) and 10% glycerol.	
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.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
SPAPPACDLR VLSKLLRDSH VLHSRLSQCP EVHPLPTPVL LPAVDFSLGE WKTQMEETKA QDILGAVTLL LEGVMAARGQ LGPTCLSSLL GQLSGQVRLL LGALQSLLGT QLPPQGRTTA HKDPNAIFLS FQHLLRGKVR FLMLVGGSTL CVRRAPPTTA VPSRTSLVLT LNELPNRTSG LLETNFTASA RTTGSGLLKW QQGFRAKIPG LLNQTSRSLD QIPGYLNRIH ELLNGTRGLF PGPSRRTLGA PDISSGTSDT GSLPPNLQPG YSPSPTHPPT	

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GQYTLFPLPP TLPTPVVQLH PLLPDPSAPT PTPTSPLLNT SYTHSQNLSQ EG LEHHHHHH .

Precautions

TPO Human, His is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P40225)