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TPO Human, CHO

Thrombopoietin Human Recombinant, CHO
CYK0605

Product Overview

Name	TPO Human, CHO

Description

Thrombopoietin Human Recombinant, CHO

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

Chinese Hamster Ovary Cells.

Physical Appearance

Sterile Filtered clear solution.

Formulation

TPO protein solution contains phosphate buffered saline (pH7.4) and 2% albumin.

Stability

Thrombopoietin although stable at room temperature for 1 week, should be stored between 2-8°C.

Purity

Greater than 98% as determined by SDS-PAGE.

Biological Activity

The ED50 as determined by the dose-dependent stimulation of MO7e cells corresponding to a specific activity of 3x10 5 units/mg.

Precautions

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

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Target Information: (P40225)