
Product Data Sheet

Product Name: TPO Human, CHO

Cat. No.: GP21024

Batch No.: 1

Product Data

Purity >98% Source Chinese Hamster Ovary Cells.

Physical Appearance solid Shipping Condition Shipped with Ice Packs.

Synonyms MPL Ligand; THCYT1; M PLLG; 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 contains phosphate buffered saline (pH7.4) and 2% albumin.

Biological Activity

The ED50 as determined by the dose-dependent stimulation of MO7e cells corresponding to a specific activity of 3x10⁵ units/mg.

Stability

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

Background

Thrombopoietin Human Recombinant produced in CHO cells has a molecular weight range of 80-90kDa due to glycosylation. The TPO is purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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