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THPO, 22-353aa, Human, His tag, Insect cell

产品货号: TP04208

第三版

别名:Thrombopoietin isoform 1, MGDF, MKCSF, ML, MPLLG, THCYT1, TPO

描述:THPO (Thrombopoietin), also known as megakaryocyte growth and development factor (MGDF), is a glycoprotein hormone produced by the liver and kidney which regulates the production of platelets. It stimulates the production and differentiation of megakaryocytes, the bone marrow cells that bud off large numbers of platelets. Megakaryocytopoiesis is the cellular development process that leads to platelet production. THPO is a humoral growth factor necessary for megakaryocyte proliferation and maturation, as well as for thrombopoiesis. This protein is the ligand for MLP/C_MPL, the product of myeloproliferative leukemia virus oncogene. Recombinant human THPO, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方:Liquid. In phosphate buffered saline (pH 7.4) containing 10% glycerol.

分子量:

序列:

SPAPPACDLRVLSKLLRDSHVLHSRLSQCPEVHPLPTPVLLPAVDFSLGEWKTQMEETKAQDILGAVTLLLEGVMAARGQL
GPTCLSSLLGQLSGQVRLLLGALQSLLGTQLPPQGRRTAHKDPNAIFLSFQHLLRGKVRFLMLVGGSTLCVRRAPPTTAVPS
RTSLVLTLNELPNRTSGLLETNFTASARTTGSGLLKWQQGFRAKIPGLLNQTSRSLDQIPGYLNRIHELLNGTRGLFPGPSRR
TLGAPDISSGSDTGSLPPNLQPGYSPSPTHPPTGQYTLFPLPPTLPTPVVQLHPLLDPSPAPTPTPTSPLLNTSYTHSQNLSQE
GLEHHHHHHH

纯度:> 95% by HPLC

浓度:0.25mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储:+4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.