

Bioactive

THPO (Human) Recombinant Protein

Catalog # P9288

Size 5 ug

Specification

Product Description	Human THPO recombinant protein with expressed in CHO cells.
Host	Mammals
Theoretical MW (kDa)	80-90
Form	Liquid
Preparation Method	Mammalian cell (CHO) expression system
Purification	chromatographic
Purity	> 98% as determined by SDS-PAGE.
Activity	ED ₅₀ determined by the dose-dependent stimulation of MO7e cells, corresponding to a specific activity of 3x10 ⁵ units/mg.
Storage Buffer	Solution containing 1X PBS, pH 7.4, 2% albumin.
Storage Instruction	Store at room temperature for 1 week, should be stored between 2-8°C for long term storage.

Applications

- Functional Study

Gene Info — THPO

Entrez GeneID	7066
Protein Accession#	P40225
Gene Name	THPO

Gene Alias	MGC163194, MGDF, MKCSF, ML, MPLLG, TPO
Gene Description	thrombopoietin
Omim ID	187950 600044
Gene Ontology	Hyperlink
Gene Summary	Megakaryocytopoiesis is the cellular development process that leads to platelet production. The protein encoded by this gene is a humoral growth factor that is 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. [provided by RefSeq]
Other Designations	MPL ligand c-mpl ligand megakaryocyte colony-stimulating factor megakaryocyte growth and development factor megakaryocyte stimulating factor myeloproliferative leukemia virus oncogene ligand thrombopoietin nirs variant 1

Pathway

- [Hematopoietic cell lineage](#)

Disease

- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Myocardial Infarction](#)
- [Obstetric Labor](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)

- [Thrombocythemia](#)
- [Werner syndrome](#)