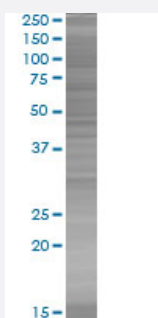


THPO 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00007066-T01

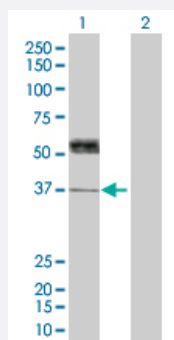
Size 100 uL

Applications



SDS-PAGE Gel

THPO transfected lysate.



Western Blot

Lane 1: THPO transfected lysate (37.4 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-THPO full-length
Host	Human
Theoretical MW (kDa)	37.4
Interspecies Antigen Sequence	Mouse (71); Rat (75)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-THPO antibody ([H00007066-B01](#)) by Western Blots.
 SDS-PAGE Gel
 THPO transfected lysate.
 Western Blot
 Lane 1: THPO transfected lysate (37.4 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — THPO

Entrez GeneID

[7066](#)

GeneBank Accession#

[NM_199228.1](#)

Protein Accession#

-

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](#)