

Thrombopoietin (TPO) Active Protein | TPO active protein

Active Thrombopoietin (TPO)

CATALOG # AAA152997	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
-------------------------------	-----------------------	---

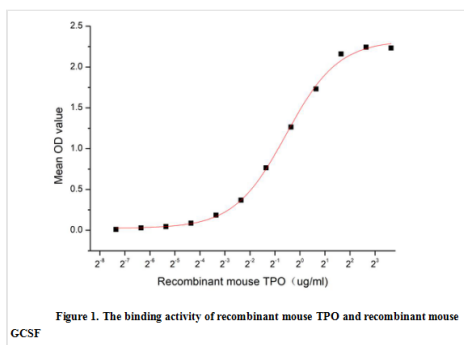
PRODUCT SYNONYMS

Thrombopoietin (TPO); Active Thrombopoietin (TPO); Thrombopoietin; TPO active protein (prokaryotic); Mouse; THPO; MGDF; MKCSF; ML; MPLLG; Myeloproliferative Leukemia Virus Oncogene Ligand; Megakaryocyte Growth And Development Factor; Megakaryocyte Stimulating Factor; TPO active protein

PRODUCT SPECIFICATIONS

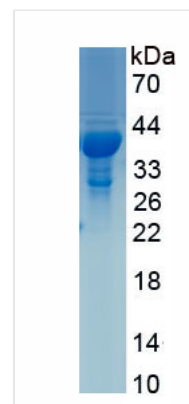
Host	E coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Ser22~Thr356
Applicable Applications for TPO active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Mouse
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	9.6
Research Area	Hematology
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



Bioactivity

Thrombopoietin (TPO) is a humoral growth factor that is necessary for megakaryocyte proliferation and maturation, as well as for thrombopoiesis. TPO can promote platelet production, aggregation, ECM adhesion, and activation. It is principally produced in t



SDS-PAGE

Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for TPO active protein	Active proteins
--	-----------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	291045237
NCBI GeneID	21832
NCBI Accession #	NP_001166976.1
NCBI GenBank Nucleotide #	NM_001173505.1
UniProt Accession #	P40226
Molecular Weight	160,000
NCBI Official Full Name	thrombopoietin
NCBI Official Synonym Full Names	thrombopoietin
NCBI Official Symbol	Thpo
NCBI Official Synonym Symbols	MI; Tpo; Mgdf; Tpo1; Tpo2; Tpo3; Tpo4; Mpllg
NCBI Protein Information	thrombopoietin; C-mpl ligand; megakaryocyte colony-stimulating factor; megakaryocyte growth and development factor; myeloproliferative leukemia virus oncogene ligand
UniProt Protein Name	Thrombopoietin
UniProt Gene Name	Thpo
UniProt Synonym Gene Names	ML; MGDF
UniProt Entry Name	TPO_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/thrombopoietin-tpo/152997>