

Thrombopoietin/THPO Recombinant Protein | THPO recombinant protein

Recombinant Mouse Thrombopoietin/THPO Protein

CATALOG # AAA282585	HOST HEK293 cells
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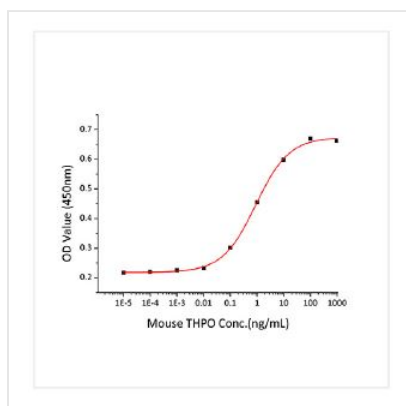
PRODUCT SYNONYMS

Thrombopoietin/THPO; Recombinant Mouse Thrombopoietin/THPO Protein; Ml; Tpo; Mgdf; Mpllg; THPO; THPO recombinant protein

PRODUCT SPECIFICATIONS

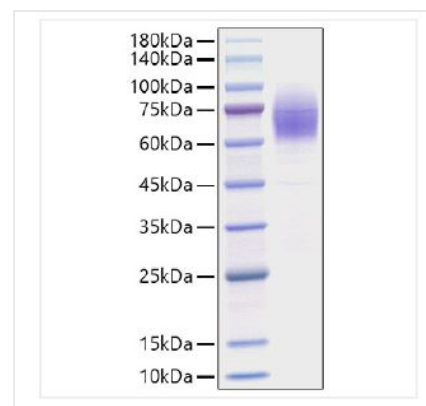
Host	HEK293 cells
Purity/Purification	> 95% by SDS-PAGE.
Form/Format	Liquid Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.
Species	Mouse
Tag	C-6His
Bioactivity	Measured in a cell proliferation assay using MO7e human megakaryocytic leukemic cells. Avanzi, G. et al. (1988) Br. J. Haematol. 69:359. The ED50 for this effect is 0.45-1.80 ng/mL.
Preparation and Storage	Store the lyophilized protein at -20 to -80 degree C for 12 months. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week. Avoid repeated freeze/thaw cycles. Ship: Ice Pack

IMAGES



Application Data

Recombinant Mouse THPO stimulates cell proliferation of the MO7e human megakaryocytic leukemic cells. The ED50 for this effect is 0.45-1.80 ng/mL.



SDS-PAGE

Active Recombinant Mouse Thrombopoietin/THPO Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 80-90 kDa.

ADDITIONAL INFORMATION

Related Product Information for THPO recombinant protein	Recombinant Mouse Thrombopoietin/THPO Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ser22-Thr356) of mouse Thrombopoietin/THPO (Accession #NP_033405.1.) fused with a 6×His tag at the C-terminus.
Product Categories/Family for THPO recombinant protein	Growth Factor

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/thpo-recombinant-protein-hek293-cells/282585>