

Active Recombinant Mouse Thpo Protein

Cat. No. Thpo-6417M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse thrombopoietin (Thpo), transcript variant 2 without tag was expressed in CHO.
Species	Mouse
Source	CHO
ProteinLength	Ser22-Thr356
Description	This gene encodes a humoral growth factor necessary for megakaryocyte proliferation and maturation, as well as for thrombopoiesis. The encoded protein is a ligand for the product of the myeloproliferative leukemia virus oncogene. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2010]
Bio-activity	The ED50 is less than 0.8 ng/mL.
Molecular Mass	35.5 kDa
Endotoxin	Less than 1.0 EU/μg protein as determined by the LAL method
Purity	> 90%, as determined by Coomassie stained SDS-PAGE.
Stability	Unopened vial can be stored between 2 and 8 centigrade for up to 2 weeks, at -20 centigrade for up to 6 months, or at -70 centigrade or below until the expiration date. Aliquots can be stored between 2 and 8 centigrade for up to one week and stored at -

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20 centigrade or colder for up to 3 months. Avoid repeated freeze/thaw cycles.

Storage Store at -80 centigrade.

Concentration Protein formulated and vialled at >50 µg/mL in specified buffer

Storage Buffer 1 x PBS, pH 7.2

GENE INFORMATION

Gene Name [Thpo thrombopoietin \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Thpo](#)

Synonyms THPO; thrombopoietin; C-mpl ligand; megakaryocyte colony-stimulating factor; megakaryocyte growth and development factor; myeloproliferative leukemia virus oncogene ligand; MI; Tpo; Mgdg; Tpo1; Tpo2; Tpo3; Tpo4; Mpllg

Gene ID [21832](#)

mRNA Refseq [NM_001173505](#)

Protein Refseq [NP_001166976](#)

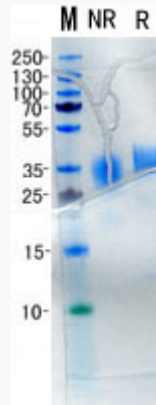
UniProt ID [P40226](#)

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SDS-PAGE



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