

Active GMP Recombinant Mouse Thpo protein

Cat. No. Thpo-556MG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Mouse Thpo protein(NP_033405.1)(180 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Mouse
Source	HEK293
ProteinLength	DNA sequence encoding NP_033405.1 was expressed with His tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	Using human leukemia megakaryocyte MO7e to detect cell proliferation, the effectiveness of ED50 is 0.5-2.5 ng/mL.
Molecular Mass	Recombinant Mouse TPO contains 180 aa. It has a predicted MW of 19.6 kDa.
Endotoxin	<=0.01EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Thpo thrombopoietin [Mus musculus]

Official Symbol Thpo

Synonyms T; Ml; Mp; Tpo; Mgdf; Mpllg

Gene ID 21832

mRNA Refseq NM_001173505

Protein Refseq NP_001166976

UniProt ID P40226

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