

Bioactive

HuPro®

Thpo (Mouse) Recombinant Protein

Catalog # P9291

Size 2 x 10 ug

Specification

Product Description Mouse Thpo partial recombinant protein with His tag in C-terminus expressed in HEK293 cells.

Sequence SPVAPACDPRLLNKLLRDSHLLHSRLSQCPDVDPLSIPVLLPAVDLGEWKTQTEQSKAQDILG
AVSLLLEGVMAARGQLEPSCLSLLGQLSGQVRLLLGALQGLLGTQLPLQGRTTAHKDPNALFLS
LQQLRGKVRFLLLVEGPTLCVRRTLPTTAVPSSTSQLLTLNKFPNRTSGLLETNFSVTARTAGPG
LLSRLQGFRVKITPGQLNQTSRSPVQISGYLNRTHGPNVNGTHGLFAGTSLQTLASDISPGAFNKG
SLAFNLQGGGLPPSPSLAPDGHTPFPPSPALPTTHGSPQLHPLFPDPSTTMPNSTAPHPVTMYP
HPRNLSQETHHHHHH

Host Human

Theoretical MW (kDa) 36.4

Form Liquid

Preparation Method Mammalian cell (HEK293) expression system

Purification chromatographic

Purity Measured in a cell proliferation assay using MO7e human megakaryocytic leukemic cells. The ED₅₀ ≥ 4 ng/mL.

Activity ED₅₀ ≥ 25 ug/mL, measured by the ability to agglutinate human red blood cells.

Storage Buffer Solution (0.5 mg/mL) containing 1X PBS, pH 7.4, 10% glycerol.

Storage Instruction Store at 4°C for one weeks and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).
Avoid repeated freeze/thaw cycles.

Applications

- Functional Study

Gene Info — Thpo

Entrez GeneID	21832
Protein Accession#	P40226
Gene Name	Thpo
Gene Alias	Mpllg, TPO, TPO-1, TPO-2, TPO-3, TPO-4
Gene Description	thrombopoietin
Gene Ontology	Hyperlink
Other Designations	OTTMUSP00000023070 OTTMUSP00000023071 myeloproliferative leukemia virus oncogene li gand