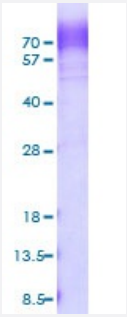
Bioactive HuPro®

Thpo (Mouse) Recombinant Protein

Catalog # P6977 Size 100 ug

Applications



Result of bioactivity analysis

Result of bioactivity analysis

Thpo (Mouse) Recombinant Protein (Cat # P6977) stimulates cell proliferation of the MO7e human megakaryocytic leukemic cells. The ED50 range ≤ 4 ng/mL.

Specification

Product Description	Mouse Thpo (NP_033405, 22 a.a.- 356 a.a.) partial recombinant protein with C-terminal His tag expressed in HEK293 cells.
Host	Human
Theoretical MW (kDa)	36.4
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purity	> 90% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method).

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Activity	Measured in a cell proliferation assay using MO7e human megakaryocytic leukemic cells. The ED_{50} range ≤ 4 ng/mL.
Quality Control Testing	3 ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.
Recommend Usage	Bioactivity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (10% glycerol).
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of bioactivity analysis Result of bioactivity analysis Thpo (Mouse) Recombinant Protein (Cat # P6977) stimulates cell proliferation of the MO7e human megakaryocytic leukemic cells. The ED50 range ≤ 4 ng/mL.

Applications

- SDS-PAGE

Gene Info — Thpo

Entrez GeneID	21832
Protein Accession#	NP_033405
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 ligand

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