Bioactive

Thpo (Mouse) Recombinant Protein

Catalog # P9290 Size 2 x 10 ug

Specification

Product Description	Mouse Thpo recombinant protein with expressed in *Escherichia coli*.
Sequence	SPVAPACDPRLLNKLLRDSHLLHSRLSQCPDVDPLSIPVLLPAVDFSLGEWKTQTEQSKAQDILG AVSLLLEGVMAARGQLEPSCLSSLLGQLSGQVRLLLGALQGLLGTQLPLQGRTTAHKDPNALFLS LQQLLRGKVRFLLLVEGPTLCVRRTLPTTAVPSSTSQLLTLNKF
Host	Escherichia coli
Theoretical MW (kDa)	18.7
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purification	chromatographic
Purity	> 95% as determined by SDS-PAGE.
Activity	ED_{50} < 0.8 ng/mL, measured by the dose dependent stimulation of Mo7e cells.
Storage Buffer	Protein (1 mg/mL) was lyophilized with no additives. Reconstitute the lyophilized powder in ddH_2O to 100 ug/mL.
Storage Instruction	Lyophilized protein at room temperature for 3 weeks, should be stored at -20°C. Protein aliquots at 4 °C for 2-7 days 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

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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 ligand

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