

Recombinant Mouse Thrombopoietin (Thpo), C-His

Cat. No.: AP2C598

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 500 µg; 1 mg

Product Overview

BioVenic's Recombinant Mouse Thrombopoietin (Thpo), C-His is a recombinant protein expressed from Human Cells. Its predicted molecular weight is 37.8 kDa. The purity is >90%.

Specifications

Type	Recombinant Protein
Species	Mouse
Expression System	Human Cells
Purity	>90%
Endotoxin	< 1.0 EU/µg
Predicted Molecular Weight	37.8 kDa
Physical State	Lyophilized
Formulation	0.01 mol/L PBS (pH 7.2) containing 0.2% (w/v) Procline-300.

Target Information

Mouse Thrombopoietin (Thpo) is a key cytokine regulating platelet production in mice. It promotes megakaryocyte proliferation and differentiation, enhancing platelet generation. Thpo is crucial for maintaining hematopoietic homeostasis and platelet function. Changes in Thpo levels serve as an important indicator of platelet-related diseases and hematopoietic status.

Protein	Mouse Thrombopoietin (Thpo)
Protein Synonym	C-mpl ligand (ML); Megakaryocyte colony-stimulating factor; Megakaryocyte growth and development factor (MGDF); Myeloproliferative leukemia virus oncogene ligand
Gene ID	21832
UniProt ID	P40226

Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -20°C for 1 year. After reconstitution, the protein solution can be stored at 2-8°C for 2-7 days.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Aliquot the reconstituted solution to minimize freeze-thaw cycles.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.