

Recombinant Mouse Thrombomodulin (Thbd), C-His

Cat. No.: AP2C741

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 500 µg; 1 mg

Product Overview

BioVenic's Recombinant Mouse Thrombomodulin (Thbd), C-His is a recombinant protein expressed from Human Cells. Its predicted molecular weight is 61.9 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	61.9 kDa
Physical State	Lyophilized
Formulation	0.01 mol/L PBS (pH 7.2) containing 0.2% (w/v) Procline-300.

Target Information

Mouse Thrombomodulin (Thbd) is a membrane protein on endothelial cells that regulates blood coagulation and fibrinolysis. In mice, Thbd helps convert prothrombin to thrombin in a regulated manner, preventing excessive clotting. It is essential for maintaining hemostasis and vascular health. Thbd functions by binding to thrombin and forming a complex that activates protein C, which then inhibits coagulation. This protein is crucial in preventing thrombosis and ensuring proper blood flow in the vascular system.

Protein	Mouse Thrombomodulin (Thbd)
Protein Synonym	Fetomodulin; CD141
Gene ID	21824
UniProt ID	P15306

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.