

Recombinant Mouse Pentraxin-Related Protein PTX3 (Ptx3), N-His

Cat. No.: AP2C761

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 500 µg; 1 mg

Product Overview

BioVenic's Recombinant Mouse Pentraxin-Related Protein PTX3 (Ptx3), N-His is a recombinant protein expressed from Human Cells. Its predicted molecular weight is 41.8 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	41.8 kDa
Physical State	Lyophilized
Formulation	0.01 mol/L PBS (pH 7.2) containing 0.2% (w/v) Procline-300.

Target Information

Mouse Pentraxin-Related Protein PTX3 (Ptx3) is a protein involved in innate immune responses and inflammation. In mice, PTX3 is produced in response to infections and tissue damage, promoting pathogen clearance and tissue repair. It plays a crucial role in modulating immune cell activity and complement activation. PTX3 interacts with various pathogens and immune cells to enhance phagocytosis and clearance of debris. Its expression is induced by inflammatory cytokines, making it important in the acute phase response to infection and injury.

Protein	Mouse Pentraxin-Related Protein PTX3 (Ptx3)
Protein Synonym	Pentaxin-related protein PTX3; Tumor necrosis factor-inducible gene 14 protein
Gene ID	19288
UniProt ID	P48759

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.