

Recombinant Mouse Lithostathine-2 (Reg2), N-His

Cat. No.: AP2C715

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 500 µg; 1 mg

Product Overview

BioVenic's Recombinant Mouse Lithostathine-2 (Reg2), N-His is a recombinant protein expressed from Human Cells. Its predicted molecular weight is 19.4 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	19.4 kDa
Physical State	Lyophilized
Formulation	0.01 mol/L PBS (pH 7.2) containing 0.2% (w/v) Procline-300.

Target Information

Mouse Lithostathine-2 (Reg2) is a protein involved in tissue repair and regeneration, often upregulated in response to tissue damage or inflammation. In mice, Lithostathine-2 is crucial for pancreatic β-cell regeneration and repair, promoting the survival and proliferation of β-cells to help maintain glucose homeostasis. During pancreatitis or diabetes, its expression increases, aiding in tissue recovery. Studies on Lithostathine-2 in mice have contributed to understanding pancreatic repair mechanisms and potential treatments for pancreatic diseases.

Protein	Mouse Lithostathine-2 (Reg2)
Protein Synonym	Islet of Langerhans; regenerating protein; REG-2; Pancreatic stone protein 2; PSP; Pancreatic thread protein 2; PTP
Gene ID	19693
UniProt ID	Q08731

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.