

Recombinant Mouse Glypican-3 (Gpc3), C-His

Cat. No.: AP2C916

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 500 µg; 1 mg

Product Overview

BioVenic's Recombinant Mouse Glypican-3 (Gpc3), C-His is a recombinant protein expressed from Human Cells. Its predicted molecular weight is 65.3 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	65.3 kDa
Physical State	Lyophilized
Formulation	0.01 mol/L PBS (pH 7.2) containing 0.2% (w/v) Procline-300.

Target Information

Mouse Glypican-3 (Gpc3) is a heparan sulfate proteoglycan anchored to the cell membrane. It plays roles in various biological processes, including cell signaling, adhesion, and proliferation. Gpc3 is involved in the regulation of growth factor signaling pathways, such as Wnt and FGF. It modulates these pathways by interacting with growth factors and their receptors, influencing cell fate decisions and tissue development. Gpc3 has been implicated in cancer progression, where its dysregulation may contribute to tumor growth and metastasis. Understanding its function may provide insights into therapeutic strategies for cancers where Gpc3 is aberrantly expressed.

Protein	Mouse Glypican-3 (Gpc3)
Protein Synonym	Glypican-3 alpha subunit
Gene ID	14734
UniProt ID	Q8CFZ4

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.