

Recombinant Mouse Syndecan-4 (Sdc4), C-His

Cat. No.: AP2C722

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 500 µg; 1 mg

Product Overview

BioVenic's Recombinant Mouse Syndecan-4 (Sdc4), C-His is a recombinant protein expressed from Human Cells. Its predicted molecular weight is 21.5 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	21.5 kDa
Physical State	Lyophilized
Formulation	0.01 mol/L PBS (pH 7.2) containing 0.2% (w/v) Procline-300.

Target Information

Mouse Syndecan-4 (Sdc4) is a cell surface heparan sulfate proteoglycan that participates in cell-matrix interactions and signaling processes. It interacts with various growth factors and extracellular matrix components. In mice, Sdc4 is involved in tissue repair and regeneration, modulating cell adhesion, migration, and proliferation. It also plays a role in immune cell function and inflammation. Research on Sdc4 in mice has provided insights into its roles in wound healing, tissue homeostasis, and disease pathogenesis.

Protein	Mouse Syndecan-4 (Sdc4)
Protein Synonym	Ryudocan core protein; Sdc4
Gene ID	20971
UniProt ID	Q35988

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.