

Recombinant Mouse Alpha-N-Acetylgalactosaminide Alpha-2,6-Sialyltransferase 2 (St6galnac2), C-His

Cat. No.: AP2C734

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 500 µg; 1 mg

Product Overview

BioVenic's Recombinant Mouse Alpha-N-Acetylgalactosaminide Alpha-2,6-Sialyltransferase 2 (St6galnac2), C-His is a recombinant protein expressed from Human Cells. Its predicted molecular weight is 42.5 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	42.5 kDa
Physical State	Lyophilized
Formulation	0.01 mol/L PBS (pH 7.2) containing 0.2% (w/v) Procline-300.

Target Information

Mouse Alpha-N-Acetylgalactosaminide Alpha-2,6-Sialyltransferase 2 (St6galnac2) is an enzyme involved in glycosylation, adding sialic acid residues to glycoproteins and influencing their structure and function. In mice, St6galnac2 modifies glycoproteins by adding sialic acid, affecting their recognition and interaction with other molecules. This modification is important for cell-cell communication, immune recognition, and protein stability.

Protein	Mouse Alpha-N-Acetylgalactosaminide Alpha-2,6-Sialyltransferase 2 (St6galnac2)
Protein Synonym	Gal-beta-1;3-GalNAc alpha-2;6-sialyltransferase; GalNAc alpha-2;6-sialyltransferase II; ST6GalNAc II; ST6GalNAcII; Sialyltransferase 7B; SIAT7-B
Gene ID	20446
UniProt ID	P70277

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.