

Mouse STHM / ST6GALNAC2 Protein (His Tag)

Catalog Number: 50774-M08H



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

II; Siat7; Siat7b; ST6GalNAc

Protein Construction:

A DNA sequence encoding the extracellular domain of mouse ST6GALNAC2 (P70277) (Ser 28-Arg 373) was expressed, with a C-terminal polyhistidine tag.

Source: Mouse

Expression Host: HEK293 Cells

QC Testing

Purity: > 98 % as determined by SDS-PAGE

Endotoxin:

< 1.0 EU per µg of the protein as determined by the LAL method

Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

Predicted N terminal: Ser 28

Molecular Mass:

The secreted recombinant mouse ST6GALNAC2 comprises 357 amino acids and has a calculated molecular mass of 40.7 kDa. The apparent molecular mass of rmST6GALNAC2 is approximately 44 kDa in SDS-PAGE under reducing conditions.

Formulation:

Lyophilized from sterile PBS, pH 7.4

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

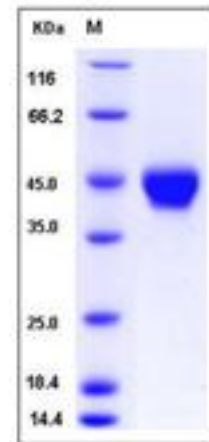
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



References

1.Li GS, *et al.* (2007) Variants of the ST6GALNAC2 promoter influence transcriptional activity and contribute to genetic susceptibility to IgA nephropathy. *Hum Mutat.* 28(10): 950-7. 2.Ding JX, *et al.* (2009) Activity of alpha2,6-sialyltransferase and its gene expression in peripheral B lymphocytes in patients with IgA nephropathy. *Scand J Immunol.* 69(2): 174-80. 3.Kiryluk K, *et al.* (2010) Genetic studies of IgA nephropathy: past, present, and future. *Pediatr Nephrol.* 25(11): 2257-68.

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