

# Mouse ST6GALNAC2/ST6GalNAcII (His Tag) recombinant protein



Catalog Number: 502035

## General Information

### Gene Name Synonym

Gal-beta-1,3-GalNAc alpha-2,6-sialyltransferase;  
GalNAc alpha-2,6-sialyltransferase II; ST6GalNAc  
II; Sialyltransferase 7B

### 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.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Purity

> 98 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by  
the LAL method

### Stability

Samples are stable for up to twelve months from  
date of receipt at  $-70^{\circ}\text{C}$

### 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
1. 5 % trehalose and mannitol are added as  
protectants before lyophilization.
  2. Please contact us for any concerns or special  
requirements.

## Usage Guide

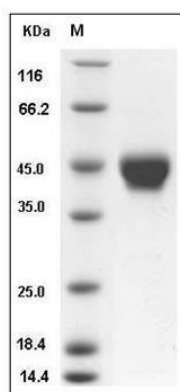
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ .  
It is recommended that the protein be aliquoted  
for optimal storage. Avoid repeated freeze-thaw  
cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of  
0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Mouse STHM / ST6GALNAC2 Protein (His Tag)  
SDS-PAGE