

# Human ST6GAL1/ST6GAL-I (His Tag) recombinant protein



Catalog Number: 501677

## General Information

### Gene Name Synonym

B-cell antigen CD75; CMP-N-acetylneuraminat-beta-galactosamide-alpha-2,6-sialyltransferase 1; ST6Gal I; Sialyltransferase 1

### Protein Construction

A DNA sequence encoding the human ST6GAL1 (P15907) (Lys 27-Cys 406) was expressed, with a polyhistidine tag at the N-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 95 % 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

His

### Molecular Mass

The recombinant human ST6GAL1 consists of 400 amino acids and has a calculated molecular mass of 46 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhST6GAL1 is approximately 50-55 kDa.

### 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

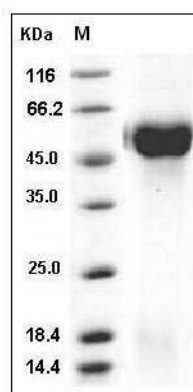
### Storage

Store it under sterile conditions at -20°C to -80°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



Human ST6GAL1 / CD75 Protein (His Tag) SDS-PAGE