

# Human B3GALT5/Beta3Gal-T5 (Fc Tag) recombinant protein



Catalog Number: 500712

## General Information

### Gene Name Synonym

Beta-3-Gx-T5; UDP-Gal:beta-GlcNAc beta-1,3-galactosyltransferase 5; UDP-galactose:beta-N-acetylglucosamine beta-1,3-galactosyltransferase 5

### Protein Construction

A DNA sequence encoding the human B3GALT5 (Q9Y2C3) (Asn29-Val310) was expressed with the Fc region of human IgG1 at the N-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 75 % 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

Glu

### Molecular Mass

The recombinant human B3GALT5/Fc comprises 542 amino acids and has a predicted molecular mass of 61.3 kDa. The apparent molecular mass of the protein is approximately 62 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

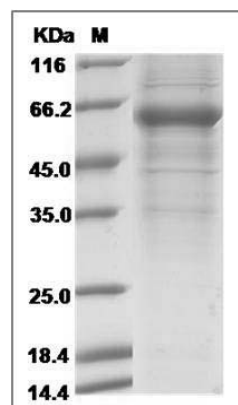
### Storage

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



Human B3GALT5 Protein (Fc Tag) SDS-PAGE