

General Information

Gene Name Synonym

Collagen beta(1-O)galactosyltransferase 2;
Glycosyltransferase 25 family member 2;
Hydroxylysine galactosyltransferase 2

Protein Construction

A DNA sequence encoding the human GLT25D2 (Q8IYK4) (Met 1-Ser 622) was fused with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Purity

> 85 % 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

Met 1

Molecular Mass

The recombinant human GLT25D2 consists of 632 amino acids and predicts a molecular mass of 73.8 kDa. It migrates as an approximately 68 kDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% gly, 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

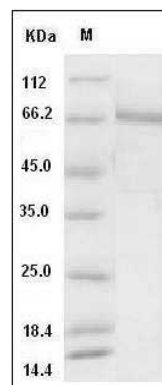
Storage

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 GLT25D2 Protein (His Tag) SDS-PAGE