

Human GALNT2 / GalNAc-T2 (His Tag) recombinant protein



Catalog Number: 501145

General Information

Gene Name Synonym

Polypeptide GalNAc transferase 2; Protein-UDP acetylgalactosaminyltransferase 2; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 2; Polypeptide N-acetylgalactosaminyltransferase 2 soluble form

Protein Construction

A DNA sequence encoding the human GALNT2 (NP_004472.1) (Lys52-Gln571) was expressed with an N-terminal polyhistidine tag.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

(94.8±3.9) % 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 GALNT2 comprises 540 amino acids and has a predicted molecular mass of 61.6 kDa. The apparent molecular mass of the protein is approximately 57-65 and 46 kDa in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile
25 mM Tris, 150 mM NaCl, 0.05% Brij-35, pH 7.5.
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

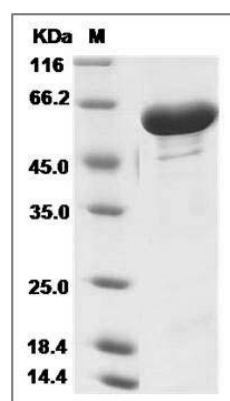
Storage

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



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