

Recombinant Human GALNT2 protein, His-tagged

Cat. No. GALNT2-1265H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human GALNT2 protein(NP_004472.1)(Lys52-Gln571), fused with His tag, was expressed in HEK293.

Species Human

Source HEK293

ProteinLength Lys52-Gln571

Form Lyophilized from sterile 25 mM Tris, 150 mM NaCl, 0.05% Brij-35, pH 7.5. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.

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.

Endotoxin < 1.0 EU per µg of the protein as determined by the LAL method

Purity > 95 % as determined by SDS-PAGE

Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name GALNT2 UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 2 (GalNAc-T2) [Homo sapiens]

Official Symbol GALNT2

Synonyms GALNT2; UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 2 (GalNAc-T2); polypeptide N-acetylgalactosaminyltransferase 2; GalNAc T2; pp-GaNTase 2; UDP-GalNAc transferase 2; polypeptide GalNAc transferase 2; protein-UDP acetylgalactosaminyltransferase 2; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 2; GalNAc-T2;

Gene ID 2590

mRNA Refseq NM_004481

Protein Refseq NP_004472

MIM 602274

UniProt ID Q10471

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA