

Recombinant Human GALNT2, His tagged

Cat. No. GALNT2-229H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GALNT2 (NP_004472.1) (Lys52-Gln571), fused with an N-terminal polyhistidine tag, was produced in Human Cells.
Species	Human
Source	Human Cells
ProteinLength	52-571 a.a.
Predicted N Terminal	His
Form	Lyophilized from sterile 25 mM Tris, 150 mM NaCl, 0.05% Brij-35, pH 7.5. Normally 5 % - 8 % trehalose and mannitol 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	(94.8+3.9) % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution. 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

Gene ID

2590

mRNA Refseq

NM_004481

Protein Refseq

NP_004472

MIM

602274

UniProt ID

Q10471

**Chromosome
Location**

1q41-q42

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