

## Recombinant Human A4GNT, His-DHFR-tagged

Cat. No. A4GNT-17H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human A4GNT, fused with His-DHFR tag N-Terminus, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	This gene encodes a protein from the glycosyltransferase 32 family. The enzyme catalyzes the transfer of N-acetylglucosamine (GlcNAc) to core 2 branched O-glycans. It forms a unique glycan, GlcNAc $\alpha$ 1 $\rightarrow$ 4Gal $\beta$ 1 $\rightarrow$ 6R and is largely associated with the Golgi apparatus membrane.
<b>Form</b>	Lyophilised
<b>Molecular Mass</b>	27 kDa
<b>AA Sequence</b>	96 to 318
<b>Purity</b>	> 95 % Purified via His tag. Purity determined to be >95% by SDS-PAGE.
<b>Applications</b>	SDS-PAGE
<b>Storage</b>	Shipped at 4°C. Store at -20°C. Constituents: 0.32% Tris HCl, 0.58% Sodium chloride
<b>Concentration</b>	Reconstitution Dependent

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**Reconstitution** Reconstitute with water to desired concentration.

## GENE INFORMATION

**Gene Name** [A4GNT alpha-1,4-N-acetylglucosaminyltransferase \[ Homo sapiens \(human\) \]](#)

**Official Symbol** A4GNT

**Synonyms** A4GNT; alpha4GnT; alpha-1,4-N-acetylglucosaminyltransferase

**Gene ID** [51146](#)

**mRNA Refseq** [NM\\_016161](#)

**Protein Refseq** [NP\\_057245](#)

**UniProt ID** Q9UNA3

**Chromosome Location** 3p14.3

**Pathway** heparan sulfate biosynthesis; heparan sulfate biosynthesis (late stages)

**Function** acetylglucosaminyltransferase activity; galactosyltransferase activity

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