

Recombinant Human A4GNT, His-DHFR-tagged

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

SPECIFICATION

Product Overview	Recombinant Human A4GNT, fused with His-DHFR tag N-Terminus, was expressed in E. coli.
Species	Human
Source	E.coli
Description	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 α 1 $\rightarrow$ 4Gal β 1 $\rightarrow$ 6R and is largely associated with the Golgi apparatus membrane.
Form	Lyophilised
Molecular Mass	27 kDa
AA Sequence	96 to 318
Purity	> 95 % Purified via His tag. Purity determined to be >95% by SDS-PAGE.
Applications	SDS-PAGE
Storage	Shipped at 4°C. Store at -20°C. Constituents: 0.32% Tris HCl, 0.58% Sodium chloride
Concentration	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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