

## Recombinant Human A4GNT, His-tagged

Cat. No. A4GNT-16H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human  $\alpha$ -1,4-N-Acetylglucosaminyltransferase/A4GNT is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Lys26-Lys340) of Human A4GNT fused with a polyhistidine tag at the C-terminus.

**Species** Human

**Source** HEK293

**ProteinLength** 26-340 a.a.

**AA Sequence**  
 AKSSCLFCLPSFKSHQGLEALLSHRRGIVFLETSERMEPPHLVSCSVESAAKIYPEW  
 PVVFFMKG LTDSTPMPNSNSTYPAFSFLSAIDNVFLFPLDMKRILLEDTPLSWYNQIN  
 ASAERNWLHISSDASR LAIWKYGGIYMDTDVISIRPIPEENFLAAQASRYSSNGIFGF  
 LPHHPFLWECMENFVEHYNSDI WGNQGPPELMTRMLRVWCKLEDFQEVSCLRCLNI  
 SFLHPQRFYPISYREWRRYYEVWDTEPSFNVS YALHLWNHMNQEGRAVIRGSNTL  
 VENLYRKHCPRTYRDLIKGPEGSVTGELGPGNKVDHHHHHH

**Endotoxin** Less than 0.1 ng/ $\mu$ g (1 IEU/ $\mu$ g)

**Purity** Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

### GENE INFORMATION

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

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<b>Official Symbol</b>	A4GNT
<b>Synonyms</b>	A4GNT; alpha-1,4-N-acetylglucosaminyltransferase; alpha4GnT; MGC149493;
<b>Gene ID</b>	<a href="#">51146</a>
<b>mRNA Refseq</b>	<a href="#">NM_016161</a>
<b>Protein Refseq</b>	<a href="#">NP_057245</a>
<b>UniProt ID</b>	<a href="#">Q9UNA3</a>
<b>Chromosome Location</b>	3p14.3
<b>Function</b>	acetylglucosaminyltransferase activity; galactosyltransferase activity; transferase activity, transferring glycosyl groups;

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