

# Recombinant Human GALNTL5, His-tagged

**Cat. No.** GALNTL5-88H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| <b>Product Overview</b> | Recombinant Human Putative Polypeptide N-Acetylgalactosaminyltransferase-Like Protein 5/GALNTL5 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (His28-Leu443) of Human GALNTL5 fused with a polyhistidine tag at the C-terminus.                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 28-443 a.a.                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>AA Sequence</b>      | AHHNHVSSWQKKSQEPLSAWSPGKKVHQIYGSEQIPKPHVIVKRTDEDKAKSML<br>GTDFNHTNP ELHKELLYGFNVIISRLGIEREVPDTRSKMRLQKHYPARLPTASIVI<br>CFYNEECNALFQTMSS VTNLTPHYFLEEIILVDDMSKVDDLKEKLDYHLETFRGKVKI<br>IRNKKREGLIRARLIGASHASGD VLVFLDSHCEVNRVWLEPLLHAIKDPKMMVVCPLI<br>DVIDDRTLEYKPSPLVRGTFDWNLQFKWDN VFSYEMDGPEGSTKPIRSPAMSGGIF<br>AIRRHVFNEIGQYDKDMDFWGRENLELSLRIWMCGGQLF IIPCSRVGHISKKQTGKP<br>STIISAMTHNYLRLVHVWLDEYKEQFFLRKPGLKYVTYGNIRERVEL RKRLGCKSFQ<br>WYLDNVFPELEASVNSLVDHHHHHH |
| <b>Endotoxin</b>        | Less than 0.1 ng/μg (1 IEU/μg).                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Purity</b>           | Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                       |

## GENE INFORMATION

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | GALNTL5 UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase-like 5 [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                                           |
| <b>Official Symbol</b>     | GALNTL5                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Synonyms</b>            | GALNTL5; UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase-like 5; GALNT15, UDP N acetyl alpha D galactosamine:polypeptide N acetylgalactosaminyltransferase 15; putative polypeptide N-acetylgalactosaminyltransferase-like protein 5; galNAc-T15; pp-GaNTase 15; polypeptide GalNAc transferase 15; protein-UDP acetylgalactosaminyltransferase 15; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 15; GALNT15; |
| <b>Gene ID</b>             | 168391                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>mRNA Refseq</b>         | NM_145292                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Protein Refseq</b>      | NP_660335                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>UniProt ID</b>          | Q7Z4T8                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Chromosome Location</b> | 7q36.2                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Pathway</b>             | Metabolic pathways, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; Mucin type O-Glycan biosynthesis, organism-specific biosystem; Mucin type O-Glycan biosynthesis, conserved biosystem; O-glycan biosynthesis, mucin type core, organism-specific biosystem; O-glycan biosynthesis, mucin type core, conserved biosystem; O-linked glycosylation of mucins, organism-specific biosystem;                               |

**Function**

transferase activity, transferring glycosyl groups;

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