

Recombinant Human GALNTL5, His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	HEK293
ProteinLength	28-443 a.a.
AA Sequence	AHHNHVSSWQKKSQEPLSAWSPGKKVHQIIYGSEQIPKPHVIVKRTDEDKAKSML GTDFNHTNP ELHKELLYGFNVIISRLGIEREVPDTRSKMRLQKHYPARLPTASIVI CFYNEECNALFQTMSS VTNLTPHYFLEEIILVDDMSKVDDLKEKLDYHLETFRGKVKI IRNKKREGLIRARLIGASHASGD VLVFLDSHCEVNRVWLEPLLHAIKDPKMMVVCPLI DVIDDRTLEYKPSPLVRGTFDWNLQFKWDN VFSYEMDGPPEGSTKPIRSPAMSGGIF AIRRHVFNEIGQYDKDMDFWGRENLELSLRIWMCGGQLF IIPCSRVGHISKKQTGKP STIISAMTHNYLRLVHVWLDEYKEQFFLRKPGLKYVTYGNIRERVEL RKRLGCKSFQ WYLDNVFPELEASVNSLVDHHHHHH
Endotoxin	Less than 0.1 ng/μg (1 IEU/μg).
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

GENE INFORMATION

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Gene Name	GALNTL5 UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase-like 5 [Homo sapiens]
Official Symbol	GALNTL5
Synonyms	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;
Gene ID	168391
mRNA Refseq	NM_145292
Protein Refseq	NP_660335
UniProt ID	Q7Z4T8
Chromosome Location	7q36.2
Pathway	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;

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Function

transferase activity, transferring glycosyl groups;

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