

Recombinant Human GALNT5, His-tagged

Cat. No. GALNT5-13139H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GALNT5 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	36-385a.a.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	GALNT5 UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 5 (GalNAc-T5) [Homo sapiens]
Official Symbol	GALNT5
Synonyms	GALNT5; UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 5 (GalNAc-T5); polypeptide N-acetylgalactosaminyltransferase 5; pp-GaNTase 5; polypeptide GalNAc transferase 5;

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	protein-UDP acetylgalactosaminyltransferase 5; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 5; GALNAC-T5; MGC165041;
Gene ID	11227
mRNA Refseq	NM_014568
Protein Refseq	NP_055383
UniProt ID	Q7Z7M9
Chromosome Location	2q24.1
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;
Function	polypeptide N-acetylgalactosaminyltransferase activity; sugar binding; transferase activity, transferring glycosyl groups;

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