

Recombinant Human GALNTL5 protein, His-tagged

Cat. No. GALNTL5-9786H Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Recombinant Human GALNTL5 protein(1-350 aa), fused with N-terminal His tag, was expressed in E.coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 1-350 aa |
| Form | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole. |
| AASequence | MRNAIIQGLFYGSLTFGIWTALLFIYLHHNHVSSWQKKSQEPLSAWSPGKKVHQQIIY GSEQIPKPHVIVKRTDEDKAKSMLGTDNFHTNPELHKELLKYGFNVIISRSLGIEREV DTRSKMRLQKHYPARLPTASIVICFYNEECNALFQTMSSVTNLTPHYFLEEIILVDDM SKVDDLKEKLDYHLETFRGKVKIIRNKKREGLIRARLIGASHASGDVLFVLDLSDHCEVN RVWLEPLLHAIKDPKMWVCLIDVIDDRILEYKPSPLVRGTFDWNLQFKWDNVFSY EMDGPEGSTKPIRSPAMSGGIFAIRRHVFNEIGQYDKDMDFWGRENLELSLRIWMC GGQL |
| Purity | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| Storage | Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, |

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

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](#)

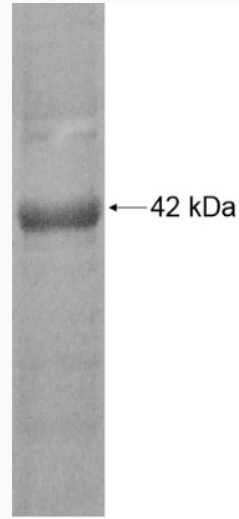
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SDS-PAGE



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