

Recombinant Human GALNT3 protein, His-tagged

Cat. No. GALNT3-3444H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GALNT3 protein(1-176 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-176 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	MAHLKRLVKLHIKRHYHKKFWKLGAVIFFFIIVLVLMQREVSQYSKEESRMERNMK NKNKMLDLMLEAVNNIKDAMPKMQIGAPVRQNIDAGERPCLQGYYTAAELKPVLDR PPQDSNAPGASGKAFKTTNLSVEEQKEKERGEAKHCFNAFASDRISLHRDLGPDTR PPEYVEE
Purity	75%, 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, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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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.

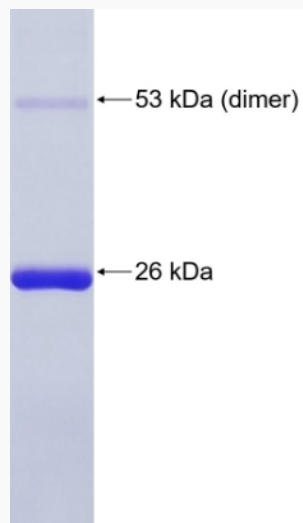
GENE INFORMATION

Gene Name	GALNT3 UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 3 (GalNAc-T3) [Homo sapiens]
Official Symbol	GALNT3
Synonyms	GALNT3; UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 3 (GalNAc-T3); polypeptide N-acetylgalactosaminyltransferase 3; GalNAc T3; HFTC; HHS; pp-GaNTase 3; GalNAc transferase 3; polypeptide GalNAc transferase 3; polypeptide GalNAc-transferase T3; protein-UDP acetylgalactosaminyltransferase 3; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 3; GalNAc-T3; MGC61909; DKFZp686C10199;
Gene ID	2591
mRNA Refseq	NM_004482
Protein Refseq	NP_004473
MIM	601756
UniProt ID	Q14435

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SDS-PAGE

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