

Recombinant Human GALNT3 Protein, GST-tagged

Cat. No. GALNT3-4701H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GALNT3 full-length ORF (AAH56246.1, 1 a.a. - 141 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes UDP-GalNAc transferase 3, a member of the GalNAc-transferases family. This family transfers an N-acetyl galactosamine to the hydroxyl group of a serine or threonine residue in the first step of O-linked oligosaccharide biosynthesis. Individual GalNAc-transferases have distinct activities and initiation of O-glycosylation is regulated by a repertoire of GalNAc-transferases. The protein encoded by this gene is highly homologous to other family members, however the enzymes have different substrate specificities. [provided by RefSeq]
Molecular Mass	42.3 kDa
AA Sequence	MERNMKNKNKMLDLMLEAVNNIKDAMPKMQIGAPVRQNIDAGERPCLQGYTAAEL KPVLD RPPQDSNAPGASGKAFKTTNLSVEEQKEKERGEAKHCFNAFASDRISLHRD LGPDTRPPEYVEEYLLFILYHQALQGREG
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

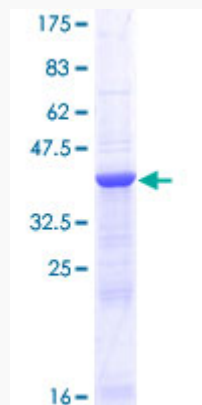
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	GALNT3 UDP-N-acetyl-alpha-D-galactosamine:polypeptide 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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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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