

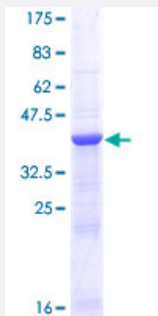
Full-Length

# GALNT3 (Human) Recombinant Protein (P01)

Catalog # H00002591-P01

Size 25 ug, 10 ug

## Applications



## Specification

Product Description	Human GALNT3 full-length ORF ( AAH56246.1, 1 a.a. - 141 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MERNMKNKNKMLDLMLEAVNNIKDAMPKMQIGAPVRQNIDAGERPCLQGYTAAELKPVLDRPP QDSNAPGASGKAFKTTNLSVEEQKEKERGEAKHCFNAFASDRISLHRDLGPDTRPPEYVEEYLL FILYHQALQGREG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	42.3
Preparation Method	<a href="#">in vitro wheat germ expression system</a>
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — GALNT3

Entrez GeneID	<a href="#">2591</a>
GeneBank Accession#	<a href="#">BC056246.1</a>
Protein Accession#	<a href="#">AAH56246.1</a>
Gene Name	GALNT3
Gene Alias	DKFZp686C10199, GalNAc-T3, HFTC, HHS, MGC61909
Gene Description	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 3 (GalNAc-T3)
Omim ID	<a href="#">211900</a> <a href="#">601756</a> <a href="#">610233</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	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]
Other Designations	GalNAc transferase 3 OTTHUMP00000163020 polypeptide GalNAc-transferase T3 polypeptide N-acetylgalactosaminyltransferase 3 protein-UDP acetylgalactosaminyltransferase

## Pathway

- [Metabolic pathways](#)

- [O-Glycan biosynthesis](#)