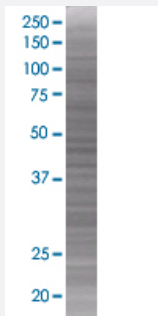


# GALNT3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00002591-T01

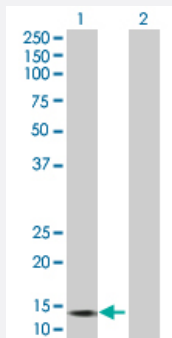
Size 100 uL

## Applications



### SDS-PAGE Gel

GALNT3 transfected lysate



### Western Blot

Lane 1: GALNT3 transfected lysate ( 15.9 KDa).

Lane 2: Non-transfected lysate.

## Specification

**Transfected Cell Line** 293T

**Plasmid** pCMV-GALNT3 full-length

**Host** Human

**Theoretical MW (kDa)** 15.9

**Quality Control Testing** Transient overexpression cell lysate was tested with Anti-GALNT3 antibody ([H00002591-B01](#)) by Western Blots.  
SDS-PAGE Gel  
GALNT3 transfected lysate  
Western Blot  
Lane 1: GALNT3 transfected lysate ( 15.9 KDa).  
Lane 2: Non-transfected lysate.

|                     |                                                                                                           |
|---------------------|-----------------------------------------------------------------------------------------------------------|
| Storage Buffer      | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue) |
| Storage Instruction | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                           |

## Applications

- Western Blot

## Gene Info — GALNT3

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">2591</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| GeneBank Accession# | <a href="#">BC056246</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Protein Accession#  | <a href="#">AAH56246</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        | <p>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]</p> |
| Other Designations  | GalNAc transferase 3 OTTHUMP00000163020 polypeptide GalNAc-transferase T3 polypeptide N-acetylgalactosaminyltransferase 3 protein-UDP acetylgalactosaminyltransferase                                                                                                                                                                                                                                                                                                                                                                                                            |

## Pathway

- [Metabolic pathways](#)
- [O-Glycan biosynthesis](#)