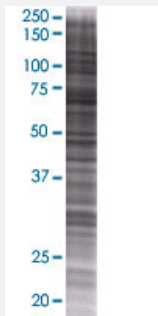


GALNT6 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00011226-T01

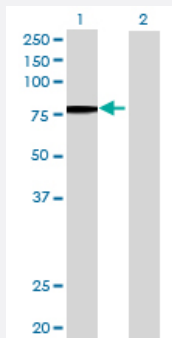
Size 100 uL

Applications



SDS-PAGE Gel

GALNT6 transfected lysate.



Western Blot

Lane 1: GALNT6 transfected lysate (68.53 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-GALNT6 full-length
Host	Human
Theoretical MW (kDa)	68.53
Interspecies Antigen Sequence	Mouse (88); Rat (87)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-GALNT6 antibody ([H00011226-B01](#)) by Western Blots.
SDS-PAGE Gel
GALNT6 transfected lysate.
Western Blot
Lane 1: GALNT6 transfected lysate (68.53 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 — GALNT6

Entrez GeneID

[11226](#)

GeneBank Accession#

[BC035822.1](#)

Protein Accession#

[NP_009141.2](#)

Gene Name

GALNT6

Gene Alias

GALNAC-T6, GalNAcT6

Gene Description

UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 6 (GalNAc-T6)

Omim ID

[605148](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a member of the UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase (GalNAc-T) family of enzymes. GalNAc-Ts initiate mucin-type O-linked glycosylation in the Golgi apparatus by catalyzing the transfer of GalNAc to serine and threonine residues on target proteins. They are characterized by an N-terminal transmembrane domain, a stem region, a luminal catalytic domain containing a GT1 motif and Gal/GalNAc transferase motif, and a C-terminal ricin/lectin-like domain. GalNAc-Ts have different, but overlapping, substrate specificities and patterns of expression. The encoded protein is capable of glycosylating fibronectin peptide in vitro and is expressed in a fibroblast cell line, indicating that it may be involved in the synthesis of oncofetal fibronectin. [provided by RefSeq]

Other Designations

GalNAc transferase 6|UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 6|polypeptide N-acetylgalactosaminyltransferase 6|protein-UDP acetylgalactosaminyltransferase 6

Pathway

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

Disease

- [Tobacco Use Disorder](#)