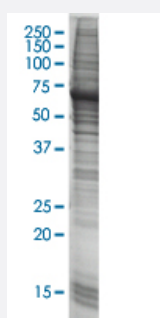


GALNT6 HEK293 Cell Transient Overexpression Lysate(Non-Denatured)

Catalog # L103T6

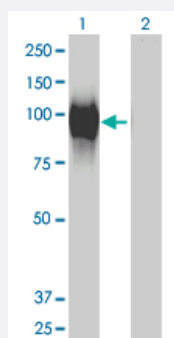
Size 100 ug

Applications



SDS-PAGE Gel

GALNT6 transfected lysate



Western Blot

Lane 1: GALNT6 transfected lysate (71 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line HEK293

Plasmid pCMV-GALNT6 full length

Host Human

Theoretical MW (kDa) 71

Lysis Buffer Modified RIPA Lysis Buffer:50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0.1% SDS, 1% Sodium deoxycholate, 1mM PMSF.

Concentration 2 mg/ml

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-GALNT6 antibody ([H00011226-M01](#)) by Western Blots.
SDS-PAGE Gel
GALNT6 transfected lysate
Western Blot
Lane 1: GALNT6 transfected lysate (71 KDa).
Lane 2: Non-transfected lysate.

Recommend Usage

Use it directly for immuno-precipitation, or heat lysate with SDS gel loading buffer to 95°C for 5 minutes followed by rapid cooling for western blot application. If dissociating conditions are required, add reducing agent prior to heating.

Storage Buffer

In modified RIPA Lysis Buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunoprecipitation

[Protocol Download](#)

Gene Info — GALNT6

Entrez GeneID [11226](#)

GeneBank Accession# [NM_007210](#)

Protein Accession# [NP_009141](#)

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-acetylglucosaminyltransferase (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](#)