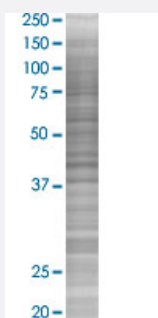


GALNT14 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00079623-T02

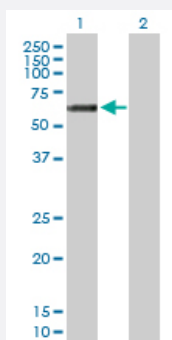
Size 100 uL

Applications



SDS-PAGE Gel

GALNT14 transfected lysate.



Western Blot

Lane 1: GALNT14 transfected lysate (64.30 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-GALNT14 full-length
Host	Human
Theoretical MW (kDa)	64.3
Interspecies Antigen Sequence	Mouse (91); Rat (92)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-GALNT14 antibody ([H00079623-B01P](#)) by Western Blots.
SDS-PAGE Gel
GALNT14 transfected lysate.
Western Blot
Lane 1: GALNT14 transfected lysate (64.30 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 — GALNT14

Entrez GeneID

[79623](#)

GeneBank Accession#

[NM_024572](#)

Protein Accession#

[NP_078848.2](#)

Gene Name

GALNT14

Gene Alias

FLJ12691, FLJ13977, GALNT15, GalNac-T10, GalNac-T14

Gene Description

UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 14 (GalNAc-T14)

Omim ID

[608225](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

GALNT14 (EC 2.4.1.41) belongs to a large subfamily of glycosyltransferases residing in the Golgi apparatus. GALNT enzymes catalyze the first step in the O-glycosylation of mammalian proteins by transferring N-acetyl-D-galactosamine (GalNAc) to peptide substrates.[supplied by OMIM]

Other Designations

UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase T10|UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase T14|UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 14|polypeptide N-acetylgalactosaminyltransferase 15

Pathway

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

Disease

- [Tobacco Use Disorder](#)