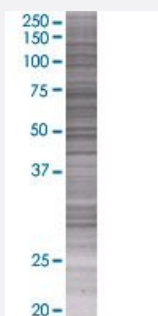


GALNT12 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00079695-T02

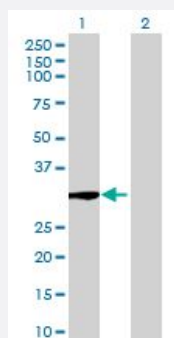
Size 100 uL

Applications



SDS-PAGE Gel

GALNT12 transfected lysate.



Western Blot

Lane 1: GALNT12 transfected lysate (30.03 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-GALNT12 full-length
Host	Human
Theoretical MW (kDa)	30.03
Interspecies Antigen Sequence	Mouse (83); Rat (81)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-GALNT12 antibody ([H00079695-B02](#)) by Western Blots.
SDS-PAGE Gel
GALNT12 transfected lysate.
Western Blot
Lane 1: GALNT12 transfected lysate (30.03 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 — GALNT12

Entrez GeneID

[79695](#)

GeneBank Accession#

[BC013945](#)

Protein Accession#

[AAH13945](#)

Gene Name

GALNT12

Gene Alias

FLJ21212, GalNAc-T12

Gene Description

UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 12 (GalNAc-T12)

Omim ID

[610290](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

GALNT12 is a member of a family of UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferases (EC 2.4.1.41), which catalyze the transfer of N-acetylgalactosamine (GalNAc) from UDP-GalNAc to a hydroxyl amino acid on a polypeptide acceptor in the initial step of mucin-type O-linked protein glycosylation (Guo et al., 2002 [PubMed 12135769]).[supplied by OMIM]

Other Designations

OTTHUMP00000021781|UDP-GalNAc: polypeptide N-acetylgalactosaminyltransferase|polypeptide N-acetylgalactosaminyltransferase 12

Pathway

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

Disease

- [Colon cancer](#)
- [Colonic Neoplasms](#)