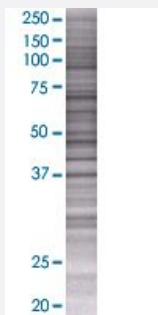


B3GNT5 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00084002-T01

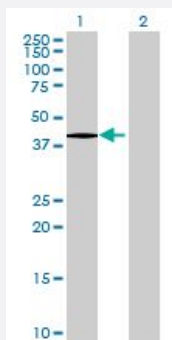
Size 100 uL

Applications



SDS-PAGE Gel

B3GNT5 transfected lysate.



Western Blot

Lane 1: B3GNT5 transfected lysate (44.1 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-B3GNT5 full-length
Host	Human
Theoretical MW (kDa)	44.1
Interspecies Antigen Sequence	Mouse (80); Rat (80)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-B3GNT5 antibody ([H00084002-B01](#)) by Western Blots.
 SDS-PAGE Gel
 B3GNT5 transfected lysate.
 Western Blot
 Lane 1: B3GNT5 transfected lysate (44.1 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 — B3GNT5

Entrez GeneID

[84002](#)

GeneBank Accession#

[NM_032047](#)

Protein Accession#

[NP_114436](#)

Gene Name

B3GNT5

Gene Alias

B3GN-T5, beta3Gn-T5

Gene Description

UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 5

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a member of the beta-1,3-N-acetylglucosaminyltransferase family. This enzyme is a type II membrane protein. It exhibits strong activity to transfer GlcNAc to glycolipid substrates and is identified as the most likely candidate for lactotriaosylceramide synthase. This enzyme is essential for the expression of Lewis X epitopes on glycolipids. [provided by RefSeq]

Other Designations

beta 1,3 N-acetylglucosaminyltransferase Lc3 synthase|beta-1,3-N-acetylglucosaminyltransferase bGnT-5

Pathway

- [Glycosphingolipid biosynthesis - lacto and neolacto series](#)

- [Metabolic pathways](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)