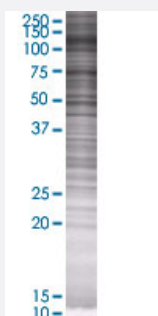


FUT1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00002523-T01

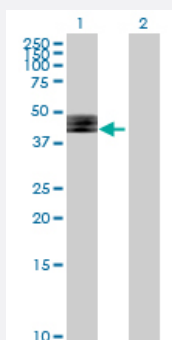
Size 100 uL

Applications



SDS-PAGE Gel

FUT1 transfected lysate.



Western Blot

Lane 1: FUT1 transfected lysate (40.26 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-FUT1 full-length

Host Human

Theoretical MW (kDa) 40.26

Quality Control Testing Transient overexpression cell lysate was tested with Anti-FUT1 antibody ([H00002523-B01](#)) by Western Blots.
 SDS-PAGE Gel
 FUT1 transfected lysate.
 Western Blot
 Lane 1: FUT1 transfected lysate (40.26 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 — FUT1

Entrez GeneID[2523](#)**GeneBank Accession#**[NM_000148.2](#)**Protein Accession#**[NP_000139.1](#)**Gene Name**

FUT1

Gene Alias

H, HH, HSC

Gene Description

fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase, H blood group)

Omim ID[211100](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is a Golgi stack membrane protein that is involved in the creation of a precursor of the H antigen, which is required for the final step in the soluble A and B antigen synthesis pathway. This gene is one of two encoding the galactoside 2-L-fucosyltransferase enzyme. Mutations in this gene are a cause of the H-Bombay blood group. [provided by RefSeq]

Other Designations

2-alpha-L-fucosyltransferase|GDP-L-fucose:beta-D-galactoside 2-alpha-L-fucosyltransferase 1|alpha (1,2) fucosyltransferase|blood group H alpha 2-fucosyltransferase|fucosyltransferase 1|fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase)|fucosyl

Pathway

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