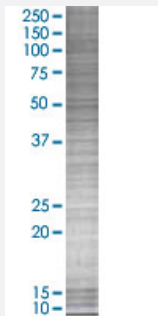


FUT1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00002523-T02

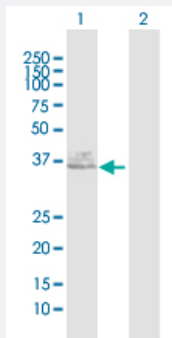
Size 100 uL

Applications



SDS-PAGE Gel

FUT1 transfected lysate.



Western Blot

Lane 1: FUT1 transfected lysate (41.3 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-FUT1 full-length

Host Human

Theoretical MW (kDa) 41.3

Quality Control Testing Transient overexpression cell lysate was tested with Anti-FUT1 antibody ([H00002523-D01](#)) by Western Blots.
 SDS-PAGE Gel
 FUT1 transfected lysate.
 Western Blot
 Lane 1: FUT1 transfected lysate (41.3 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](#)