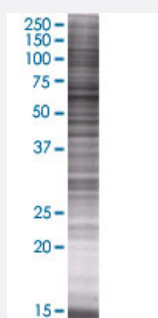# FUT8 293T Cell Transient Overexpression Lysate(Denatured)

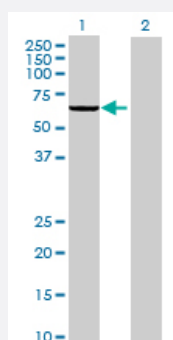Catalog #   H00002530-T01   Size   100 uL

Applications

SDS-PAGE Gel

FUT8 transfected lysate.

Western Blot

Lane 1: FUT8 transfected lysate (63.36 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-FUT8 full-length
Host	Human
Theoretical MW (kDa)	63.36
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-FUT8 antibody (H00002530-B01) by Western Blots. SDS-PAGE Gel FUT8 transfected lysate. Western Blot Lane 1: FUT8 transfected lysate (63.36 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 — FUT8

Entrez GeneID	2530
GeneBank Accession#	NM_178154.1
Protein Accession#	NP_835367.1
Gene Name	FUT8
Gene Alias	MGC26465
Gene Description	fucosyltransferase 8 (alpha (1,6) fucosyltransferase)
Omim ID	602589
Gene Ontology	Hyperlink
Gene Summary	This enzyme belongs to the family of fucosyltransferases. The product of this gene catalyzes the transfer of fucose from GDP-fucose to N-linked type complex glycopeptides. This enzyme is distinct from other fucosyltransferases which catalyze alpha1-2, alpha1-3, and alpha1-4 fucose addition. The expression of this gene may contribute to the malignancy of cancer cells and to their invasive and metastatic capabilities. Alternatively spliced variants encoding different isoforms have been identified. [provided by RefSeq
Other Designations	GDP-L-Fuc:N-acetyl-beta-D-glucosaminide alpha1,6-fucosyltransferase|GDP-fucose--glycoprotein fucosyltransferase|alpha1-6FucT|fucosyltransferase 8|glycoprotein 6-alpha-L-fucosyltransferase

Pathway

- Keratan sulfate biosynthesis
- Metabolic pathways
- N-Glycan biosynthesis

Disease

- Tobacco Use Disorder