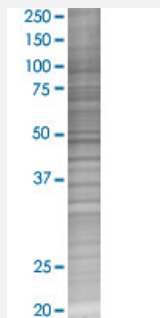


POFUT1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00023509-T02

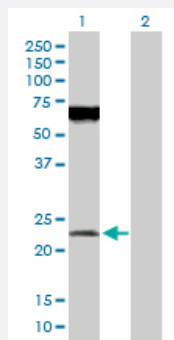
Size 100 uL

Applications



SDS-PAGE Gel

POFUT1 transfected lysate.



Western Blot

Lane 1: POFUT1 transfected lysate (22.30 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-POFUT1 full-length
Host	Human
Theoretical MW (kDa)	22.3
Interspecies Antigen Sequence	Mouse (90); Rat (89)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-POFUT1 antibody ([H00023509-D01P](#)) by Western Blots.
SDS-PAGE Gel
POFUT1 transfected lysate.
Western Blot
Lane 1: POFUT1 transfected lysate (22.30 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 — POFUT1

Entrez GeneID

[23509](#)

GeneBank Accession#

[NM_172236](#)

Protein Accession#

[NP_758436.1](#)

Gene Name

POFUT1

Gene Alias

FUT12, KIAA0180, MGC2482, O-FUT, O-Fuc-T, O-FucT-1

Gene Description

protein O-fucosyltransferase 1

Omim ID

[607491](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a member of the glycosyltransferase O-Fuc family. This enzyme adds O-fucose through an O-glycosidic linkage to conserved serine or threonine residues in the epidermal growth factor-like repeats of a number of cell surface and secreted proteins. O-fucose glycans are involved in ligand-induced receptor signaling. Alternative splicing of this gene results in two transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations

GDP-fucose protein O-fucosyltransferase 1|OTTHUMP00000030583|OTTHUMP00000030584|O-fucosyltransferase protein

Disease

- [Tobacco Use Disorder](#)