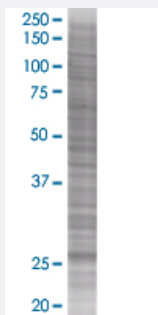


LFNG 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00003955-T01

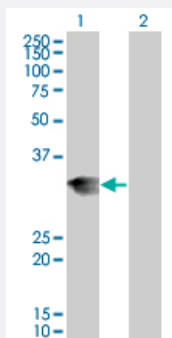
Size 100 uL

Applications



SDS-PAGE Gel

LFNG transfected lysate



Western Blot

Lane 1: LFNG transfected lysate (28.2 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-LFNG full-length

Host Human

Theoretical MW (kDa) 28.2

Quality Control Testing Transient overexpression cell lysate was tested with Anti-LFNG antibody ([H00003955-B01](#)) by Western Blots.
 SDS-PAGE Gel
 LFNG transfected lysate
 Western Blot
 Lane 1: LFNG transfected lysate (28.2 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 — LFNG

Entrez GeneID[3955](#)**GeneBank Accession#**[BC014851](#)**Protein Accession#**[AAH14851](#)**Gene Name**

LFNG

Gene Alias

SCDO3

Gene Description

LFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase

Omim ID[602576 609813](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the glycosyltransferase superfamily. The encoded protein is a single-pass type II Golgi membrane protein that functions as a fucose-specific glycosyltransferase, adding an N-acetylglucosamine to the fucose residue of a group of signaling receptors involved in regulating cell fate decisions during development. Mutations in this gene have been associated with autosomal recessive spondylocostal dysostosis 3. Alternatively spliced transcript variants that encode different isoforms have been described, however, not all variants have been fully characterized. [provided by RefSeq]

Other Designations

lunatic fringe

Pathway

- [Notch signaling pathway](#)