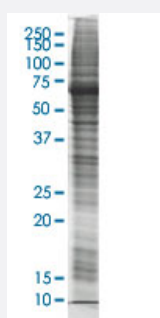


DNM1L HEK293 Cell Transient Overexpression Lysate(Non-Denatured)

Catalog # L074T6

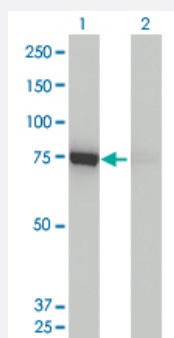
Size 100 ug

Applications



SDS-PAGE Gel

DNM1L transfected lysate



Western Blot

Lane 1: DNM1L transfected lysate (79 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line HEK293

Plasmid pCMV-DNM1L full length

Host Human

Theoretical MW (kDa) 79

Lysis Buffer Modified RIPA Lysis Buffer:50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0.1% SDS, 1% Sodium deoxycholate, 1mM PMSF.

Concentration 2 mg/ml

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-DNM1L antibody ([H00010059-M01](#)) by Western Blots.
SDS-PAGE Gel
DNM1L transfected lysate
Western Blot
Lane 1: DNM1L transfected lysate (79 KDa).
Lane 2: Non-transfected lysate.

Recommend Usage

Use it directly for immuno-precipitation, or heat lysate with SDS gel loading buffer to 95°C for 5 minutes followed by rapid cooling for western blot application. If dissociating conditions are required, add reducing agent prior to heating.

Storage Buffer

In modified RIPA Lysis Buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunoprecipitation

[Protocol Download](#)

Gene Info — DNM1L

Entrez GeneID [10059](#)

GeneBank Accession# [BC024590](#)

Protein Accession# [AAH24590](#)

Gene Name DNM1L

Gene Alias DLP1, DRP1, DVLP, DYMPLE, DYNIV-11, FLJ41912, HDYINV, VPS1

Gene Description dynamin 1-like

Omim ID [603850](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene is a member of the dynamin superfamily of GTPases. Members of the dynamin-related subfamily, including the *S. cerevisiae* proteins Dnm1 and Vps1, contain the N-terminal tripartite GTPase domain but do not have the pleckstrin homology or proline-rich domains. This protein establishes mitochondrial morphology through a role in distributing mitochondrial tubules throughout the cytoplasm. The gene has 3 alternatively spliced transcripts encoding different isoforms. These transcripts are alternatively polyadenylated. [provided by RefSeq]

Other Designations

Dnm1p/Vps1p-like protein|dynamin 1-like protein|dynamin family member proline-rich carboxyl-terminal domain less|dynamin-like protein 4|dynamin-like protein IV|dynamin-related protein 1

Pathway

- [Endocytosis](#)
- [Fc gamma R-mediated phagocytosis](#)

Disease

- [Tobacco Use Disorder](#)