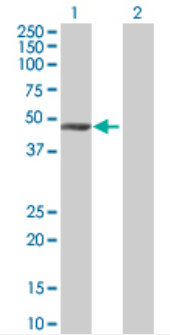
# PLIN3 293T Cell Transient Overexpression Lysate(Denatured)

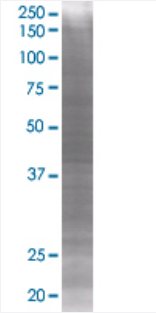
Catalog # H00010226-T01 Size 100 uL

## Applications




### Western Blot

Lane 1: PLIN3 transfected lysate ( 47 KDa)
Lane 2: Non-transfected lysate.




### SDS-PAGE Gel

PLIN3 transfected lysate.

## Specification

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|---|---|
| **Transfected Cell Line** | 293T |
| **Plasmid** | pCMV-PLIN3 full-length |
| **Host** | Human |
| **Theoretical MW (kDa)** | 47.85 |
| **Quality Control Testing** | Transient overexpression cell lysate was tested with Anti-PLIN3 antibody (H00010226-B01) by Western Blots.<br>Western Blot<br>Lane 1: PLIN3 transfected lysate ( 47 KDa)<br>Lane 2: Non-transfected lysate.<br>SDS-PAGE Gel<br>PLIN3 transfected lysate. |

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| **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 — PLIN3

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|---|---|
| **Entrez GeneID** | 10226 |
| **GeneBank Accession#** | NM_005817.3 |
| **Protein Accession#** | - |
| **Gene Name** | PLIN3 |
| **Gene Alias** | MGC11117, MGC2012, PP17, TIP47, M6PRBP1 |
| **Gene Description** | mannose-6-phosphate receptor binding protein 1 |
| **Omim ID** | 602702 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | Mannose 6-phophate receptors (MPRs) deliver lysosomal hydrolase from the Golgi to endosomes and then return to the Golgi complex. The protein encoded by this gene interacts with the cytoplasmic domains of both cation-independent and cation-dependent MPRs, and is required for endosome-to-Golgi transport. This protein also binds directly to the GTPase RAB9 (RAB9A), a member of the RAS oncogene family. The interaction with RAB9 has been shown to increase the affinity of this protein for its cargo. Multiple transcript variants encoding different isoforms have been found for this gene |
| **Other Designations** | MPR-BINDING PROTEIN, 47-KD\|MPR-binding protein 47 kDa\|cargo selection protein (mannose 6 phosphate receptor binding protein)\|cargo selection protein TIP47\|mannose 6 phosphate receptor binding protein 1\|placental protein 17\|tail-interacting protein, 47 kD |