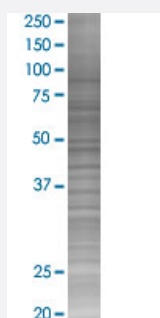


ACD 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00065057-T02

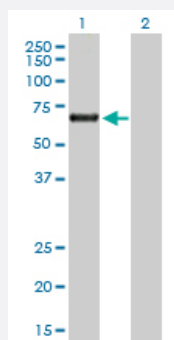
Size 100 uL

Applications



SDS-PAGE Gel

ACD transfected lysate.



Western Blot

Lane 1: ACD transfected lysate (57.70 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ACD full-length
Host	Human
Theoretical MW (kDa)	57.7
Interspecies Antigen Sequence	Mouse (59); Rat (61)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ACD antibody ([H00065057-D01P](#)) by Western Blots.
SDS-PAGE Gel
ACD transfected lysate.
Western Blot
Lane 1: ACD transfected lysate (57.70 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 — ACD

Entrez GeneID [65057](#)

GeneBank Accession# [BC016904.1](#)

Protein Accession# [AAH16904.1](#)

Gene Name ACD

Gene Alias PIP1, PTOP, TINT1, TPP1

Gene Description adrenocortical dysplasia homolog (mouse)

Omim ID [609377](#)

Gene Ontology [Hyperlink](#)

Gene Summary

This gene encodes a protein that is involved in telomere function. This protein is one of six core proteins in the telosome/shelterin telomeric complex, which functions to maintain telomere length and to protect telomere ends. Through its interaction with other components, this protein plays a key role in the assembly and stabilization of this complex, and it mediates the access of telomerase to the telomere. Multiple transcript variants encoding different isoforms have been found for this gene. This gene, which is also referred to as TPP1, is distinct from the unrelated TPP1 gene on chromosome 11, which encodes tripeptidyl-peptidase I. [provided by RefSeq]

Other Designations

POT1 and TIN2 organizing protein|TIN2 interacting protein 1|adrenocortical dysplasia homolog

Disease

- [Adrenal Insufficiency](#)
- [Breast Neoplasms](#)
- [Esophageal Achalasia](#)
- [Genetic Predisposition to Disease](#)
- [Metabolism](#)
- [Neoplasm Metastasis](#)
- [Syndrome](#)