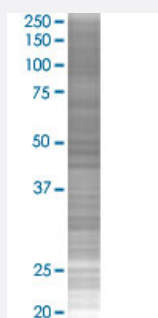


SPOP 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00008405-T02

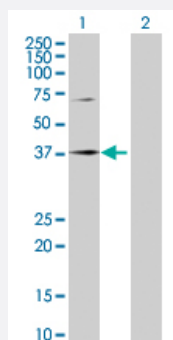
Size 100 uL

Applications



SDS-PAGE Gel

SPOP transfected lysate.



Western Blot

Lane 1: SPOP transfected lysate (42.10 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-SPOP full-length
Host	Human
Theoretical MW (kDa)	42.1
Interspecies Antigen Sequence	Mouse (100); Rat (100)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-SPOP antibody ([H00008405-D01P](#)) by Western Blots.
SDS-PAGE Gel
SPOP transfected lysate.
Western Blot
Lane 1: SPOP transfected lysate (42.10 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 — SPOP

Entrez GeneID

[8405](#)

GeneBank Accession#

[NM_001007226.1](#)

Protein Accession#

[NP_001007227.1](#)

Gene Name

SPOP

Gene Alias

TEF2

Gene Description

speckle-type POZ protein

Omim ID

[602650](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a protein that may modulate the transcriptional repression activities of death-associated protein 6 (DAXX), which interacts with histone deacetylase, core histones, and other histone-associated proteins. In mouse, the encoded protein binds to the putative leucine zipper domain of macroH2A1.2, a variant H2A histone that is enriched on inactivated X chromosomes. The BTB/POZ domain of this protein has been shown in other proteins to mediate transcriptional repression and to interact with components of histone deacetylase co-repressor complexes. Alternative splicing of this gene results in multiple transcript variants encoding the same protein. [provided by RefSeq]

Other Designations

-

Disease

- [Tobacco Use Disorder](#)