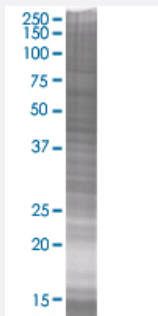


FTS 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00064400-T01

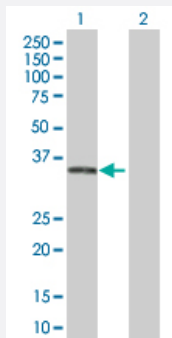
Size 100 uL

Applications



SDS-PAGE Gel

FTS transfected lysate



Western Blot

Lane 1: FTS transfected lysate (33.1 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-FTS full-length
Host	Human
Theoretical MW (kDa)	33.1
Interspecies Antigen Sequence	Mouse (96); Rat (95)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-FTS antibody ([H00064400-B01](#)) by Western Blots.
SDS-PAGE Gel
FTS transfected lysate
Western Blot
Lane 1: FTS transfected lysate (33.1 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 — AKTIP

Entrez GeneID

[64400](#)

GeneBank Accession#

[NM_022476](#)

Protein Accession#

[NP_071921](#)

Gene Name

AKTIP

Gene Alias

FT1, FTS

Gene Description

AKT interacting protein

Omim ID

[608483](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The mouse homolog of this gene produces fused toes and thymic hyperplasia in heterozygous mutant animals while homozygous mutants die in early development. This gene may play a role in apoptosis as these morphological abnormalities are caused by altered patterns of programmed cell death. The protein encoded by this gene is similar to the ubiquitin ligase domain of other ubiquitin-conjugating enzymes but lacks the conserved cysteine residue that enables those enzymes to conjugate ubiquitin to the target protein. This protein interacts directly with serine/threonine kinase protein kinase B (PKB)/Akt and modulates PKB activity by enhancing the phosphorylation of PKB's regulatory sites. Alternative splicing results in two transcript variants encoding the same protein. [provided by RefSeq]

Other Designations

fused toes homolog

Disease

- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Retinoblastoma](#)