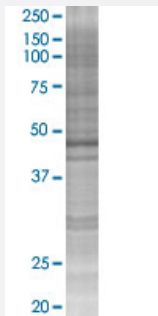


SEPT7 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000989-T02

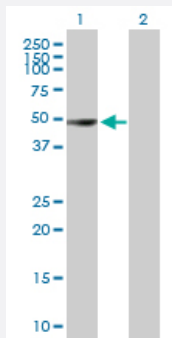
Size 100 uL

Applications



SDS-PAGE Gel

SEPT7 transfected lysate.



Western Blot

Lane 1: SEPT7 transfected lysate (48.80 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-SEPT7 full-length
Host	Human
Theoretical MW (kDa)	48.8
Interspecies Antigen Sequence	Mouse (99); Rat (99)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-SEPT7 antibody ([H00000989-B01P](#)) by Western Blots.
SDS-PAGE Gel
SEPT7 transfected lysate.
Western Blot
Lane 1: SEPT7 transfected lysate (48.80 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 — SEPT7

Entrez GeneID

[989](#)

GeneBank Accession#

[NM_001788](#)

Protein Accession#

[NP_001779](#)

Gene Name

SEPT7

Gene Alias

CDC10, CDC3, Nbla02942, SEPT7A

Gene Description

septin 7

Omim ID

[603151](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a protein that is highly similar to the CDC10 protein of *Saccharomyces cerevisiae*. The protein also shares similarity with Diff 6 of *Drosophila* and with H5 of mouse. Each of these similar proteins, including the yeast CDC10, contains a GTP-binding motif. The yeast CDC10 protein is a structural component of the 10 nm filament which lies inside the cytoplasmic membrane and is essential for cytokinesis. Although the exact function of this gene has not yet been determined, its high similarity to yeast CDC10 and the high conservative nature of eukaryotic cell cycle machinery suggest a similar role to that of its yeast counterpart. Alternative splicing results in two transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations

CDC10 (cell division cycle 10, *S. cerevisiae*, homolog)|CDC10 cell division cycle 10 homolog|cell division cycle 10

Disease

- [Tobacco Use Disorder](#)