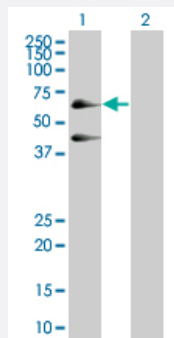


SEPT4 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005414-T01

Size 100 uL

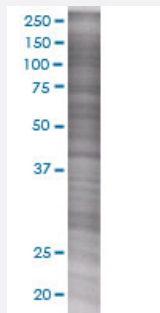
Applications



Western Blot

Lane 1: SEPT4 transfected lysate (55.1 KDa)

Lane 2: Non-transfected lysate.



SDS-PAGE Gel

SEPT4 transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-SEPT4 full-length
Host	Human
Theoretical MW (kDa)	52.69
Interspecies Antigen Sequence	Mouse (93)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-SEPT4 antibody ([H00005414-B01](#)) by Western Blots.
Western Blot
Lane 1: SEPT4 transfected lysate (55.1 KDa)
Lane 2: Non-transfected lysate.
SDS-PAGE Gel
SEPT4 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 — SEPT4

Entrez GeneID[5414](#)**GeneBank Accession#**[NM_004574](#)**Protein Accession#**[NP_004565](#)**Gene Name**

SEPT4

Gene Alias

ARTS, BRADEION, CE5B3, H5, MART, PNUTL2, SEP4, hCDCREL-2, hucep-7

Gene Description

septin 4

Omim ID[603696](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene is a member of the septin gene family of nucleotide binding proteins, originally described in yeast as cell division cycle regulatory proteins. Septins are highly conserved in yeast, *Drosophila*, and mouse and appear to regulate cytoskeletal organization. The protein encoded by this gene is thought to be part of a complex involved in cytokinesis. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized. [provided by RefSeq]

Other Designations

cell division control-related protein 2|cerebral protein 7|peanut-like 2|septin-M

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)