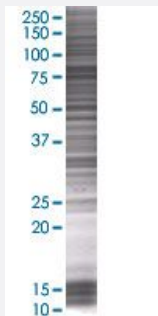


CTTN 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00002017-T01

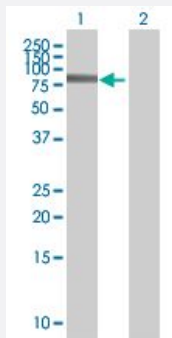
Size 100 uL

Applications



SDS-PAGE Gel

CTTN transfected lysate.



Western Blot

Lane 1: CTTN transfected lysate (56.54 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-CTTN full-length

Host Human

Theoretical MW (kDa) 56.54

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-CTTN antibody ([H00002017-B01](#)) by Western Blots.

SDS-PAGE Gel

CTTN transfected lysate.

Western Blot

Lane 1: CTTN transfected lysate (56.54 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 — CTTN

Entrez GeneID[2017](#)**GeneBank Accession#**[NM_138565.1](#)**Protein Accession#**[NP_612632.1](#)**Gene Name**

CTTN

Gene Alias

EMS1, FLJ34459

Gene Description

cortactin

Omim ID[164765](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene is overexpressed in breast cancer and squamous cell carcinomas of the head and neck. The encoded protein is localized in the cytoplasm and in areas of the cell-substratum contacts. This gene has two roles: (1) regulating the interactions between components of adherens-type junctions and (2) organizing the cytoskeleton and cell adhesion structures of epithelia and carcinoma cells. During apoptosis, the encoded protein is degraded in a caspase-dependent manner. The aberrant regulation of this gene contributes to tumor cell invasion and metastasis. Two splice variants that encode different isoforms have been identified for this gene. [provided by RefSeq]

Other Designations

1110020L01Rik|ems1 sequence (mammary tumor and squamous cell carcinoma-associated (p80/85 src substrate))|oncogene EMS1

Pathway

- [Pathogenic Escherichia coli infection - EHEC](#)
- [Tight junction](#)

Disease

- [Asthma](#)
- [Genetic Predisposition to Disease](#)