

Recombinant Human CTTN cell lysate

Cat. No. CTTN-421HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	CTTN cortactin [Homo sapiens]
Official Symbol	CTTN

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Synonyms	CTTN; cortactin; EMS1, ems1 sequence (mammary tumor and squamous cell carcinoma associated (p80/85 src substrate); src substrate cortactin; amplaxin; 1110020L01Rik; oncogene EMS1; ems1 sequence (mammary tumor and squamous cell carcinoma-associated (p80/85 src substrate); EMS1; FLJ34459;
Gene ID	2017
mRNA Refseq	NM_001184740
Protein Refseq	NP_001171669
MIM	164765
UniProt ID	Q14247
Chromosome Location	11q13
Pathway	Bacterial invasion of epithelial cells, organism-specific biosystem; Bacterial invasion of epithelial cells, conserved biosystem; E-cadherin signaling in the nascent adherens junction, organism-specific biosystem; FGF signaling pathway, organism-specific biosystem; N-cadherin signaling events, organism-specific biosystem; Pathogenic Escherichia coli infection, organism-specific biosystem; Pathogenic Escherichia coli infection, conserved biosystem;
Function	protein binding;