

Product datasheet for **SC214697**

Cortactin (CTTN) (NM_005231) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Cortactin (CTTN) (NM_005231) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CTTN
Synonyms:	EMS1
ACCN:	NM_005231
Insert Size:	1443 bp



[View online »](#)

Insert Sequence: >SC214697 3'UTR clone of NM_005231
 The sequence shown below is from the reference sequence of NM_005231. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCAGCCAACTATGTGGAGCTGCGGCAGTAGGGCCCCAGCCCCCGGAGCTGCGCCCTGGATCCTC
ACACTACAGATCAGGCCTTCTTTGGTTCTTGGGTGGTTTTGGGTTTTTCTGTTTTTTTTTTTTTTTT
TTTTTTTTGAAGGTGGGGAGGGGAATATACACATTGCTTTTATATTTAATACTTTTGCTGATGCTTTTG
AAAATGTTTATGCCACAGAATTTGCTAATATATTGAATCACATTCCTTAGGAGGACTTTGGTAATTGG
TTTTATGCATTGATGGTTTTTTTTCTTTTTGCCAAATTGACTGTCACGCGGCAGCTTCAGGGAGCT
CGCATTCTCTGTGTTTCGTGTTGCCCTCGTGCCCATCAAGTGCAGTCGGGACCTCCAGGACAAGCAGC
AGGCCTCAGGTCGGCCCTGTGGCGGTAGGCAGGAAGGACTGTCCAGACGAGGGGCTTCCTCTAGAGT
CTCACTGCTGGGAGGAGAGGACTGGGCCTGATGGAAGTTAACCCGGAGCTAAGTCACCCAGAGCACAG
GAGCTGCCATGTAGATGGGAAATCTGCCTATGTCATACCGTGACAGCCCGCAGGATCAGGTGACTTCT
AGCAGAGACCCTGGTTTTTTTCTGTGCCACTCCGGCTGTGCCTCATCTCTACCCATCCCTGATGCC
CAGGTCACCGGGAGGGTCTGCTGGGAGCCTCCTGTCCCCGCGGGCAGTGTCACTGAGTCTTGAAT
CCTCCCCTGCCCGCGGGTCTCTGGATTGGGACGCACAGTGCAGTTGAGGTCTGCGTTCGGCTTGGCTT
TTCACAAAGGCTGATGTCTTAACTGTCACCCATATGGTCCCTGGGCCACCGGGCAGCCTGGGGCGGTGT
GTGTGCCATGTCACAGCATGGCCTCTCGGCCTTGGGAAGGAAGGCAGTGCCTGCTGCTGTGAGCCGC
CAGGAACCCTCCTCCTGTCAATGGGGTGTAGTATTTTTGCCAAAATATCATGTTCAATTCAGTAGTT
TGATCAGTTGAAGGCTAGAAGTGTGAAGTGCAGATGAGTGTGTGTTCTTCCCAAGTCCCCCAGCAGC
TCCAGGACACCGCTGTCCTGGCATTGTGGCCACTCACTTTGTAGGAAACTCATCTCCTTCTGAGGAG
CCGGGAGGCTGGACCAAGTCCCGTTCGTGAGTGCAGTGGGCGGTGTGCTTTCCAGAAGGTCACGTGGAA
ATGTCTCGGACTTGGTCCCAGGAGTGCCTGGAAGCGTGTGTTTCTGCTGAGGTGCATTTTCTCATC
ATCCTTGTCTTACCACAATGAGCAATGAGGTGGGTTTTATATGCAACTATTGTATCTGAATTCCTGT
AGCACACCTCATAGGTATGATTTTTTAAATTAAGAATTCAGAATAAACATTTTTTATGATCCA
ACGCGTAAGCGCCCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_005231.4](#)

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. Three splice variants that encode different isoforms have been identified for this gene. [provided by RefSeq, May 2010]

Locus ID: 2017
MW: 53.1