OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC332122

CLIP170 (CLIP1) (NM_001247997) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: CLIP170 (CLIP1) (NM_001247997) Human Untagged Clone

Tag: Tag Free

Symbol: CLIP170

Synonyms: CLIP; CLIP-170; CLIP170; CYLN1; RSN

Vector: pCMV6-Entry (PS100001)

Fully Sequenced ORF:

>SC332122 representing NM_001247997.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGAGTATGCTAAAGCCAAGTGGGCTTAAGGCCCCCACCAAGATCCTGAAGCCTGGAAGCACAGCTCTG
AAGACACCTACGGCTGTTGTAGCTCCAGTAGAAAAAACCATATCCAGTGAAAAAGCATCAAGCACTCCA
TCATCTGAGACTCAGGAGGAATTTGTGGATGACTTTCGAGTTGGGGAGCGAGTTTGGGTGAATGGAAAT
AAGCCTGGATTTATCCAGTTTCTTGGAGAAACCCAGTTTGCACCAGGCCAGTGGGCTGGAATTGTTTTA
GATGAACCCATAGGCAAGAACGATGGTTCGGTGGCAGGAGTTCGGTATTTCCAGTGTGAACCTTTAAAG
GGCATATTTACCCGACCTTCAAAGTTAACAAGGAAGGTGCAAGCAGAAGATGAAGCTAATGGCCTGCAG
ACAACGCCCGCCTCCCGAGCTACTTCACCGCTGTGCACTTCTACGGCCAGCATGGTGTCTTCCTCCCCC
TCCACCCCTTCAAACATCCCTCAGAAACCATCACAGCCAGCAGCAAAGGAACCTTCAGCTACGCCTCCG
ATCAGCAACCTTACAAAAACTGCCAGTGAATCTATCTCCAACCTTTCAGAGGCTGGCTCAATCAAGAAA
GGAGAAAGAGAGCTCAAAATCGGAGACAGAGTATTGGTTGGTGGCACTAAGGCTGGTGTAGTCCGGTTT
CTTGGGGAGACCGACTTTGCCAAGGGGGAGTGGTGTGGCGTGGAGTTAGATGAGCCACTTGGGAAGAAT
GATGGCGCTGTTGCTGGAACAAGGTATTTTCAGTGTCAACCCAAATATGGCTTGTTCGCTCCTGTCCAC
AAAGTTACCAAGATTGGCTTCCCTTCCACTACACCAGCCAAAGCCAAGGCCAACGCAGTGAGGCGAGTG
ATGGCGACCACGTCCGCCAGCCTGAAGCGCAGCCCTTCTGCCTCTTCCCTCAGCTCCATGAGCTCAGTG
GCCTCCTCTGTGAGCAGCAGGCCCAGTCGGACAGGACTATTGACTGAAACCTCCTCCCGTTACGCCAGG
AAGATCTCCGGTACCACTGCCCTCCAGGAGGCCCTGAAGGAGAAGCAGCAGCACATTGAGCAGCTGCTG
GCGGAACGGGATCTGGAGAGGGCGGAGGTGGCCAAGGCCACGAGCCACGTGGGGGAGATAGAGCAGGAG
CTAGCTCTGGCCCGGGACGGACATGACCAGCATGTCCTGGAATTGGAAGCCAAAATGGACCAGCTGCGA
ACAATGGTGGAAGCTGCTGACAGGGAGAAGGTGGAGCTTCTCAACCAGCTTGAAGAGGAGAAAAGGAAG
GTTGAGGACCTTCAGTTCCGGGTTGAAGAAGAATCAATTACCAAAGGTGATCTTGAGCAAAAGAGCCAG
ATTTCTGAAGATCCTGAGAATACGCAGACCAAACTGGAGCATGCCCGCATTAAGGAGCTTGAACAGAGC
CTGCTCTTTGAAAAGACCAAAGCTGACAAACTCCAGAGGGAGTTAGAAGACACTAGGGTGGCTACAGTT
TCAGAAAAGTCACGTATAATGGAACTGGAGAAAGACCTAGCATTGAGAGTACAGGAAGTAGCTGAGCTC
CGAAGAAGGCTAGAGTCCAATAAGCCTGCTGGGGATGTGGACATGTCACTTTCCCTTTTGCAAGAGATA
AGCTCTTTGCAAGAAAAGTTAGAAGTCACCCGTACTGACCACCAGAGAGAAATAACTTCTCTGAAGGAG
CATTTTGGAGCCCGGGAAGAAACTCATCAGAAGGAGATAAAGGCTCTGTATACCGCCACGGAAAAGCTT
TCCAAAGAGAACGAGTCATTGAAAAGCAAGCTGGAGCATGCCAACAAAGAGAACTCAGATGTGATAGCT
CTATGGAAGTCCAAACTGGAGACTGCCATCGCATCCCACCAGCAGGCGATGGAAGAACTGAAGGTATCT

View online »

TTCAGCAAAGGGCTTGGAACAGAGACGGCAGAATTTGCTGAACTAAAAACACAAATAGAGAAAATGAGA
CTAGATTACCAACACGAAATAGAAAATTTGCAGAATCAACAAGACTCTGAACGGGCTGCCCATGCTAAA
GAGATGGAAGCCTTGAGGGCTAAACTGATGAAAGTTATTAAAGAAAAGGAAAACAGTCTGGAAGCCATC
AGGTCGAAACTGGACAAAGCAGAAGACCAGCATCTCGTAGAAATGGAAGACACGTTAAACAAATTACAG
GAAGCTGAAATAAAGGTAAAGGAGCTAGAGGTACTGCAAGCCAAATGCAATGAACAAACCAAGGTTATT
GATAATTTTACATCACAGCTCAAGGCTACTGAAGAAAAGCTCTTGGATCTTGATGCACTTCGGAAAGCC
AGTTCCGAAGGTAAATCGGAAATGAAGAAACTTAGACAGCAGCTTGAGGCAGCTGAGAAACAGATTAAA
CATTTAGAGATTGAAAAGAATGCTGAAAGTAGCAAGGCTAGTAGCATTACCAGAGAGCTCCAGGGGAGA
GAGCTAAAGCTTACTAACCTTCAGGAAAATTTGAGTGAAGTCAGTCAAGTGAAAGAGACTTTGGAAAAA
GAACTTCAGATTTTGAAAGAAAAGTTTGCTGAAGCTTCAGAGGAGGCAGTCTCTGTTCAGAGAAGTATG
CAAGAAACTGTAAATAAGTTACACCAAAAGGAGGAACAGTTTAACATGCTGTCTTCTGACTTGGAGAAG
CTGAGAGAAAACTTAGCAGATATGGAGGCAAAATTTAGAGAGAAAGATGAGAGAGAAGAGCAGCTGATA
AAGGCAAAGGAAAAACTGGAAAATGACATTGCAGAAATAATGAAGATGTCAGGAGATAACTCTTCTCAG
CTGACAAAAATGAACGATGAATTACGTCTGAAAGAAAGAGATGTAGAAGAATTACAGCTAAAACTTACA
AAGGCTAATGAAAATGCAAGTTTTCTGCAAAAAAGTATTGAGGACATGACTGTCAAAGCTGAACAGAGC
CAGCAAGAAGCAGCTAAAAAGCATGAGGAAGAAAAGAAAGAATTGGAGAGGAAATTGTCGGACCTGGAA
AAGAAAATGGAAACAAGCCACAACCAGTGTCAGGAGCTGAAAGCCAGGTATGAGAGAGCCACTTCTGAG
ACAAAAACCAAGCATGAAGAAATCCTACAGAACCTCCAGAAGACGCTGCTGGACACAGAGGACAAGCTG
AAGGGCGCACGGGAGGAGAACAGTGGCTTGCTGCAGGAGCTGGAGGAGCTGAGAAAGCAAGCCGACAAA
GCCAAAGCTGCTCAAACAGCGGAAGATGCCATGCAGATAATGGAACAGATGACCAAAGAGAAGACTGAG
ACTCTGGCCTCCTTGGAGGACACCAAGCAAACAAATGCAAAACTACAGAATGAATTGGACACACTTAAA
GAAAACAACTTGAAAAATGTGGAAGAGCTGAACAAATCAAAAGAACTCCTGACTGTAGAGAATCAAAAA
ATGGAAGAATTTAGGAAAGAAATAGAAACCCTAAAGCAGGCAGCAGCTCAGAAGTCCCAGCAGCTTTCA
GCGTTGCAAGAAGAGAACGTTAAACTTGCTGAGGAGCTGGGGAGAAGCAGGGACGAAGTCACAAGTCAT
CAAAAGCTGGAAGAAGAAAGATCTGTGCTCAATAATCAGTTGTTAGAAATGAAAAAAAGAGAATCCAAG
TTCATAAAAGACGCAGATGAAGAGAAAGCTTCCTTGCAGAAATCCATCAGTATAACTAGTGCCTTACTC
ACAGAAAAGGATGCCGAGCTGGAGAAACTGAGAAATGAGGTCACAGTGCTCAGGGGAGAAAACGCCTCT
GCCAAGTCCTTGCATTCAGTTGTTCAGACTCTAGAGTCTGATAAGGTGAAGCTCGAGCTCAAGGTAAAG
AACTTGGAGCTTCAACTCAAAGAAAACAAGAGGCAGCTCAGCAGCTCCTCAGGTAATACAGACACTCAG
GCAGACGAGGATGAAAGAGCCCAGGAGAGTCAGATTGATTTCCTAAATTCAGTAATAGTGGACCTTCAA
AGGAAGAATCAAGACCTCAAGATGAAGGTGGAGATGATGTCAGAAGCAGCCCTGAATGGGAACGGGGAT
GACCTAAACAATTATGACAGTGATGATCAGGAGAAACAGTCCAAGAAGAAACCTCGCCTCTTCTGTGAC
ATTTGTGACTGCTTTGATCTCCACGACACAGAGGATTGTCCTACCCAGGCACAGATGTCAGAGGACCCT
CCCCATTCCACACACCATGGCAGTCGGGGTGAGGAACGCCCATACTGTGAAATCTGTGAGATGTTTGGA
CACTGGGCCACCAACTGCAATGACGACGAAACCTTCTGA

Restriction Sites: SgfI-MluI

ACCN: NM_001247997

Insert Size: 4317 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001247997.1
RefSeq Size:	5931 bp
RefSeq ORF:	4317 bp
Locus ID:	6249
UniProt ID:	P30622
Cytogenetics:	12q24.31
MW:	162.2 kDa
Gene Summary:	The protein encoded by this gene links endocytic vesicles to microtubules. This gene is highly expressed in Reed-Sternberg cells of Hodgkin disease. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011] Transcript Variant: This variant (3) represents the longest transcript and encodes the longest isoform (c). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.