

Product datasheet for **SC120565**

CLIP3 (NM_015526) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CLIP3 (NM_015526) Human Untagged Clone
Tag:	Tag Free
Symbol:	CLIP3
Synonyms:	CLIPR-59; CLIPR59; RSNL1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC120565 sequence for NM_015526 edited (data generated by NextGen Sequencing)

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ATGACTAAGACAGATCCTGCCCCGATGGCCCCGCCACCCCGAGGAGAGGAGGAAGAAGAG
GAGGAGGAGGATGAACCCGTCCCCGAGGCCCCAGCCCCACCCAGGAGCGCCGGCAGAAG
CCTGTTGTGCACCCCTCGGCACCTGCCCCCTCCCTAAGGACTACGCTTTCACCTTCTTC
GATCCCAATGACCCGGCTGCCAGGAGATCCTGTTTACCCTCAGACCACCATCCCCGAG
CTGTTTGCCATTGTGCGCCAGTGGGTGCCCAAGTCCAGCACAAGATAGACGTCAATCGGC
AATGAGATTCTGCGCCGAGGCTGCCATGTGAACGATCGTGACGGCTGACCGACATGACA
CTGCTCCACTATGCGTGCAAAGCTGGGGCCACGGAGTGGGGACCCCGCGGCAGCCGTG
CGCCTCTCGCAGCAGCTGCTGGCGCTGGGCGCAGATGTGACGCTGCGCAGCCGCTGGACC
AACATGAACGCGCTTACTACGCGGCCTATTTTGTGTGCCCGACCTCGTGCGTGTGCTG
CTGAAGGGTGGCAGGCCGAGTGGTGAACCTCACGTGCAGTGACTTCAACCACGGCTCA
GCCCTGCACATCGCTGCTTCCAGCCTGTGCTGGGCGCCGCAATGTTTGTGGAGCAC
GGCGCAAACCTGCGCTGAGGAATCGAAAAGGACAGGTGCCGGCGGAGGTGGTCCCAGAT
CCTATGGACATGTCCCTGGACAAGGCAGAGGCCGACTGGTGGCCAAGGAGCTGCGGACG
TTCTGGAAGAGGCAAGTCCACTATCTTGCGCCCTCCCAAGGTACGCTACCCAATAT
GACAACGTCCCAGGCAATCTCATGCTTAGCGCACTGGGCTTGCCTGGGAGACCCGCTG
CTGCTGGATGGCCAGAAGACGGGCACACTGCGGTTCTGTGGGACCACGGAGTTTGCACG
GGCCAGTGGGTGGGCGTGGAGCTGGACGAACCTGAGGGCAAGAACGATGGCAGCGTTGGG
GGCGTTCGGTACTTACTGTGCCCTCCCAAGCAGGGTCTCTTTGCCTCCGTGTCCAAGATC
TCCAAGGCAGTGGACGCACCCCTCCTCTGTACCTCCACACCCCGACCCCGGATG
GACTTCTCCCGTGTACCGGCAAAGGCCGAGGGAACACAAGGCAAGAAGAAGACCCCA
TCATCCCATCTCTGGGAGCTTGCAGCAGCGTGACGGGGCAAGGCTGAGGTTGGAGAG
CAGGTCCTTGTGCGGGCCAGAAGCAGGGGATCGTGCGCTTCTACGGGAAGACAGACTTT
GCCCCAGGTTACTGGTATGGCATTGAGCTGGACCAGCCACAGGCAAGCATGATGGCTCT
GTCTTCGGTGTCCGTTACTTCACTTGCSCCCGAGGCATGGGGTCTTCGCACCAGCATCC
CGTATTAGAGGATTGGCGGATCCACTGATTCSCCCGGGACAGCGTTGGAGCCAAAAA
GTGCATCAAGTGACAATGACGCAGCCAAACGCACCTTACCACAGTCCGGACCCCAAAG
GACATTGCATCAGAGAACTCCATTTCCAGGTTGCTGTTCTGCTGCTGGTCCCCTGGATG
CTGAGGGCGGAGATGCAGTCTTAG
    
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Clone variation with respect to NM_015526.2

5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_015526 unedited
CGGCCGCAAATTCGCACGAGGGCGTCTGGCCTCGTCCCCTTCTCTGTCTCCCTTGC
TCCCCCATCACGTCCCCTGACACCGACACCCCATTTGCTCCCAGTCTCCCAGTCTCCAC
TTTGGTCCCAGCGCTGTCTGCCGAGGATTTGCCTGAAGGCTGCCCCCAACTCTGCACC
CGCCCCCGAGGGCCACCGAGGACCATGACTAAGACAGATCCTGCCCCGATGGCCCCGCC
ACCCCGAGGAGAGGAGGAAGAAGAGGAGGAGGATGAACCCGTCCCCGAGGCCCCAG
CCCCACCCAGGAGCGCCGGCAGAAGCCTGTTGTGCACCCCTCGGCACCTGCCCCCTCC
TAAGGACTACGCTTTCACCTTCTCGATCCCAATGACCCGGCGTCCAGGAGATCCTGTT
TGACCCTCAGACCACCATCCCCGAGCTGTTTGCCATTGTGCGCCAGTGGGTGCCCAAGT
CCAGCACAAGATAGACGTATCGGCAATGAGATTCTGCGCCGAGGCTGCCATGTGAACGA
TCGTGACGGGCTGACCGACATGACTGCTCCACTATGCGTGCAAAGCTGGGGCCACGG
AGTCGGGGACCCGCGGCAGCCGTGCGCCTCTCGCAGCAGCTGCTGGCGTGGGCGCAGA
TGTGACGCTGCGCAGCCGTGGACCAACATGAACGCGCTTCACTACGCGGCTATTTTGA
TGTGCCCGACCTCGTGCGTGTGCTGCTGAAGGGTGGCAGGCCGAAGTGGTGAATCCAC
GTGCAAGTACTTACCACGGCTCAGCCCTGCCATCGCTGCTTTCAGCCTGTGCTGGGCG
CCGNCAAATGTTGCTGGAGCACGCGCCN
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_015526 unedited CTATGGAACCGCGCCGCAATCTAGGATCGAGTT TTTTTTTTTTTTTTTTTTGGCAAAAAACCTTTTTTTTAAAAAGACAAGAATCATGCTTA ATTTGGGGACATGCAATGAAAGGGCAATCCTGAACCTGCTTTGGTGGTCGGGGCCCAAG TCCCCCTGGACCCCTGGGCCTTTAAGTTTCCCTCCAAGCTGTTGGTCTGGCCAAGTG CTGTGGGGTCTTTTTAGGCCCGTACTAAAACCTAAATTGAAATCGGGGTCCAGGATTT GAAATCCCTCAAGGCCTTGGGCCTTTCATTTATTAATAAATGGAAGCTTTAAGATTTGG GGTCCCTTAAGGCTGGGGCTCTTGGAATTTGGTGTCTTGAAACCATGGACTCCGGGCA TTGAAATTTTCAATTTTCAAGGATGGGAATCCTGTGTGGGTTTCTGGTGCCTGTGA ATAAGGCTTGAAGTGTCTGGGAACCTGGAATGCATATTCTGAATGGAGTCTCCTCCATAC CAAGCACAAAGACCTCATGAATGGGTTTTCTGGGGACTTGGGATTGGATTTTCAAATTTG GGAATCCCTGGGATTGGGAATCCATGATTTGGGGTCTAAGAATTACCGCATTGGG TCTTCTAAGGGCTGTTAGAATTTAAGGCCACGGGAATTTGGACCTGTGTACTCTAAGGT TTGGGATTCACAGAATCCTAGGATGGGGCTCCAAAATTTGGGGTCCCCCCAAGGGGAAGT CCTTTCTTTAAAAATAAAGAATTTCTGGGAGTCTGGCCAACAGGAAGCTGGGCCATGTG GGGTGGGCTTATTACCAGCACTGGGGTTCCTTAAGGTCCAAAAGTAAGAAAATGGGG GGTCCCGTAATAGAAGCTCCAGACTGTTTGGTGTCTTAATTAAGGGTACACAGGCTGTAA TTGGGGTTCTTTTTAAGGAA
Restriction Sites:	ECoRI-NOT
ACCN:	NM_015526
Insert Size:	4000 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 10µg of transfection-ready, dried plasmid DNA (reconstitute with 100 µl of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100µl 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:	<u>NM_015526.1, NP_056341.1</u>
RefSeq Size:	3349 bp
RefSeq ORF:	1644 bp
Locus ID:	25999
UniProt ID:	<u>Q96DZ5</u>
Cytogenetics:	19q13.12
Domains:	CAP_GLY, ANK

Gene Summary:

This gene encodes a member of the cytoplasmic linker protein 170 family. Members of this protein family contain a cytoskeleton-associated protein glycine-rich domain and mediate the interaction of microtubules with cellular organelles. The encoded protein plays a role in T cell apoptosis by facilitating the association of tubulin and the lipid raft ganglioside GD3. The encoded protein also functions as a scaffold protein mediating membrane localization of phosphorylated protein kinase B. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Dec 2010]

Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein.