

Product datasheet for **RG234405**

CLIP3 (NM_001199570) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CLIP3 (NM_001199570) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CLIP3
Synonyms:	CLIPR-59; CLIPR59; RSNL1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG234405 representing NM_001199570
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACTAAGACAGATCCTGCCCCGATGGCCCCGCCACCCCGAGGAGAGGAGGAAGAAGAGGAGGAGGAGG
 ATGAACCCGTCCCGAGGCCCCAGCCCCACCCAGGAGCGCCGGCAGAAGCCTGTTGTGCACCCCTCGGC
 ACCTGCCCCCTCCCTAAGGACTACGCTTTCACCTTCTTCGATCCCAATGACCCGGCGTGCCAGGAGATC
 CTGTTTGACCCTCAGACCACCATCCCCGAGCTGTTTGCCATTGTGCGCCAGTGGGTGCCCAAGTCCAGC
 ACAAGATAGACGTCATCGGCAATGAGATTCTGCGCCGAGGCTGCCATGTGAACGATCGTGACGGGCTGAC
 CGACATGACACTGCTCCACTATGCGTGCAAAGCTGGGGCCACGGAGTCGGGGACCCCGCGCAGCCGTG
 CGCCTCTCGCAGCAGCTGCTGGCGCTGGGCGCAGATGTGACGCTGCGCAGCCGCTGGACCAACATGAACG
 CGCTTCACTACGCGGCCATTTTGTATGTGCCCGACCTCGTGCGTGTGCTGCTGAAGGGTGCAGGGCCCGG
 AGTGGTGAACCCACGTGACGTGACTTCAACCACGGCTCAGCCCTGCACATCGCTGCTTCCAGCCTGTGC
 CTGGGCGCCGCAAAATGTTTGTGGAGCAGGCGCCAACCCTGCGCTGAGGAATCGAAAAGGACAGGTGC
 CGGCGGAGGTGGTCCCAGATCCTATGGACATGTCCCTGGACAAGGCAGAGCGGCGACTGGTGGCCAAAGGA
 GCTGCGGACGCTTCTGGAAGAGGCAAGTCCACTATCTTGCGCCCTCCCCAAGGTCACGCTACCCAATAT
 GACAACGTCCCAGGCAATCTCATGCTTAGCGCACTGGGCTTGCGCCTGGGAGACCGCGTGTGCTGGATG
 GCCAGAAGACGGGCACACTGCGGTTCTGTGGGACCACGGAGTTTCCAGCGGCCAGTGGGTGGGCGTGGA
 GCTGGACGAACCTGAGGGCAAGAACGATGGCAGCGTTGGGGCGTTCCGTTACTTCATCTGCCCTCCCAAG
 CAGGGTCTCTTTGCCCTCCGTGTCCAAGATCTCCAAGGCAGTGGACGACCCCCCTCCTCTGTACCTCCA
 CACCCCGGACCCCGGATGGACTTCTCCCGTGTACCCGGCAAAGGCCGACAGGAACACAAGGCAAGAA
 GAAGACCCCATCATCCCCATCTCTGGGCGAGCTTGACAGCAGCGTGACGGGGCCAAGGCTGAGGTTGGAGAC
 CAGGTCTTGTGCGGGCCAGAAGCAGGGGATCGTGCGCTTCTACGGGAAGACAGACTTTGCCCCAGGTT
 ACTGGTATGGCATTGAGCTGGACCAGCCACAGGCAAGCATGATGGCTCTGTCTTCGGTGTCCGGTACTT
 CACTTGCCCCCGAGGCATGGGGTCTTCGACCCAGCATCCCGTATTAGAGGATTGGCGGATCCACTGAT
 TCCCCCGGGACAGCGTTGGAGCCAAAAAGTGCATCAAGTGACAATGACGCAGCCCAACGCACCTTCA
 CCACAGTCCGGACCCCAAGGACATTGCATCAGAGAACTCCATTTCCAGGTTGCTGTTCTGCTGCTGTT
 CCCCTGGATGCTGAGGGCGGAGATGCAGTCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG234405 representing NM_001199570
 Red=Cloning site Green=Tags(s)

MTKTDPAAPPMPRRGEEEEEEEEDEPVPEAPSPTQERRQKPVVHPSAPAPLPKDYAFFDFPNDPACQEI
 LFDPTTIPELFAIVRQWVPVQVQHKIDVIGNEILRRGCHVNRDGLTDMTLLHYACKAGAHGVGDPAAAV
 RLSQQLLALGADVTLRSRWTNMNALHYAAYFDVPLVRVLLKGARPRVNSTCSDFNHGSALHIAASSLC
 LGAAKCLLEHGANPALRNRKQVPAEVVDPMDMSLDKAEALVAKELRTLLEEAVPLSCALPKVTLPNY
 DNVPGNMLSALGLRLGDRVLLDGQKTGLRFGTTEFASGQWVGVELDEPEGKNDGVSQVGVRYFICPPK
 QGLFASVSKIKAVDAPPSSVTSTPRTPRMDFSRVTGKGRREHKGKKTSPSPSLGSLQQRDGAKEVGD
 QVLVAGQKQIVRFYGKTDFAFGYWYGIELDQPTGKHDGVSFVGVRYFTCPPRHGVFAPASRIQRIGGSTD
 SPGDSVGAKKVHQVTMTQPKRTFTVVRTPKDIASENSISRLLFCCWFPWMLRAEMQS

TRTRPLE - GFP Tag - V

Restriction Sites:

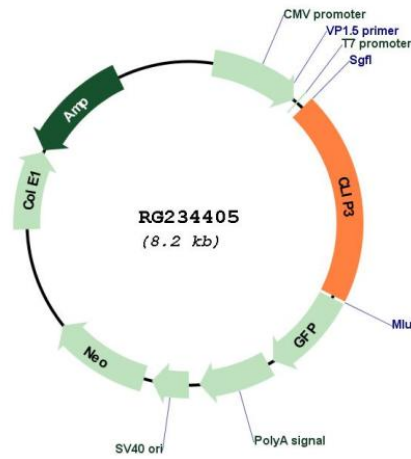
Sgfl-Mlul

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN:	NM_001199570
ORF Size:	1641 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	<ol style="list-style-type: none">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_001199570.2
RefSeq Size:	3473 bp
RefSeq ORF:	1644 bp
Locus ID:	25999
UniProt ID:	Q96DZ5
Cytogenetics:	19q13.12
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]