

Product datasheet for **RC239046**

CLIP4 (NM_001287528) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CLIP4 (NM_001287528) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CLIP4
Synonyms:	RSNL2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC239046 representing NM_001287528
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGACCATAGAGGACCTCCAGATTTTCCATTAGAAGGAAATCCTTTGTTTGAAGATACCCATTTATAT
 TTTCTGCTTCTGATACCCAGTTATCTTTTCCATTTCTGCAGCACCAATGCCTTCAGACTGTGAATTTTC
 TTTCTTTGATCCTAATGATGCATCATGCCAGGAAATCTTTTGTATCCCAAACTTCAGTTTCAGAATTA
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 CTTTCAGAAATTTCTTCAAATAAACAGAACCATTCCTATCCTGGTTTTAGGAGAAGTTTTAGCACAACTT
 CTGCTTCTCCCAAAGGAGATTAAACAGAAGAAATGCTTTTTCCAAG

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Protein Sequence:

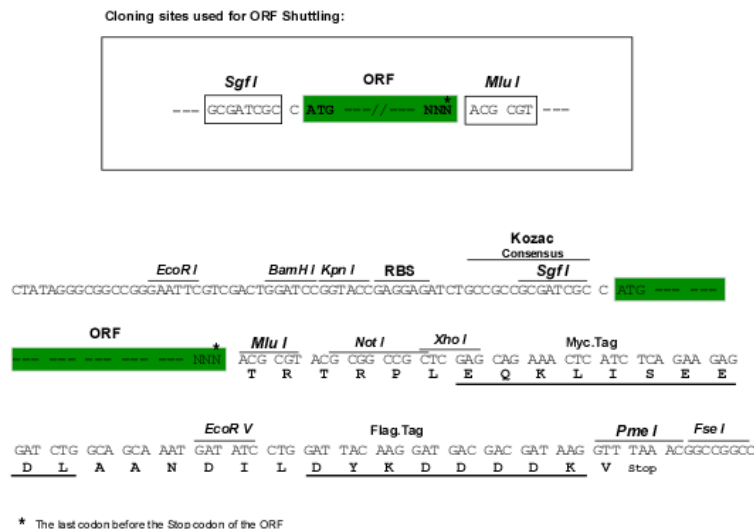
>RC239046 representing NM_001287528
 Red=Cloning site Green=Tags(s)

MTIEDLPDFLEGNPLFGRYPFIFSASDTPVIFSISAAPMPDCEFSFFDPNDASCQEILFDPKTSVSEL
 FAILRQWVPVQQNIDIIGNEILKRGCVNDRDGLTDMTLLHYTCKSGAHGIGDVETAVKFATQLIDLGA
 DISLRSRWTNMNALHYAAYFDVPELIRVILKTSKPKDVDATCSDFNFGTALHIAAYNLCAGAVKCLLEQG
 ANPAFRNDKGQIPADVVPDPMPLMADAAATAKEIKQMLLDVPLSCNISKAMPLPNYDHVTGKAMLT
 LGLKLGRVVIAGQKVGTLRFCTTEFASGQWAGIELDEPEGKNGSVGKVQYFKCAPKYGIFAPLSKIS
 KAKGRRKNITHPSTKAAPVLIQSQKIDVAHVTSKVNTGLMTSKKDSASESTLSLPPGEELKTVTEKDVA
 LLGSVSSCSSTSSLEHRQSYPPKQNAISSNKKTMSKSPSSRASAGLNSSATSTANNSRCEGELRLGER
 VLVVVGQRLGTIRFFGTTNFAPGYWYGIELEKPHGKNDGSGVGQYFSCSPRYGIFAPPSRVQRVTDSLDT
 LSEISSNQNHSTYPGFRFSSTTSASSQKEINRRNAFSK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001287528

ORF Size: 1797 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:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001287528.1](#), [NP_001274457.1](#)

RefSeq Size: 2353 bp

RefSeq ORF: 1800 bp

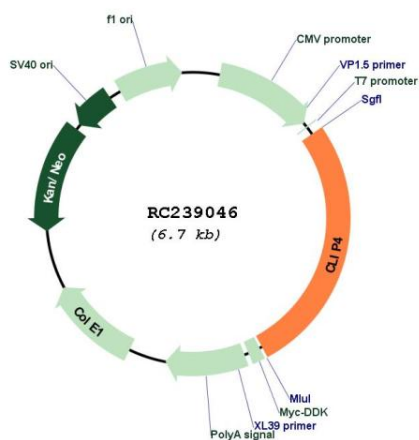
Locus ID: 79745

UniProt ID: Q8N3C7

Cytogenetics: 2p23.2

MW: 65.4 kDa

Product images:



Circular map for RC239046