

Product datasheet for RC235302

CLIP170 (CLIP1) (NM_001247997) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CLIP170 (CLIP1) (NM_001247997) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CLIP170
Synonyms:	CLIP; CLIP-170; CLIP170; CYLN1; RSN
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC235302 representing NM_001247997 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGTATGCTAAAGCCAAGTGGGCTTAAGGCCCCACCAAGATCCTGAAGCCTGGAAGCACAGCTCTGA
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TGTTTGGACACTGGGCCCAACTGCAATGACGACGAAACCTTC

ACGCGTACGCGGCCGCTCGAGCAGAAA CTATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC235302 representing NM_001247997
 Red=Cloning site Green=Tags(s)

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 EKLLDLDALRKASSEGKSEMKKLRQQLAAEKQIKHLEIEKNAESSKASSITRELQGRELKLTNLQENLS
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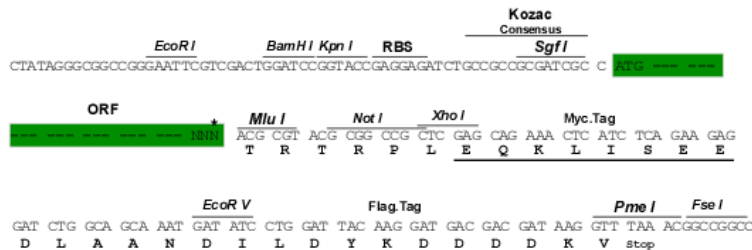
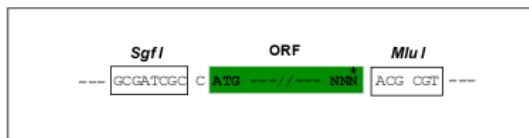
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



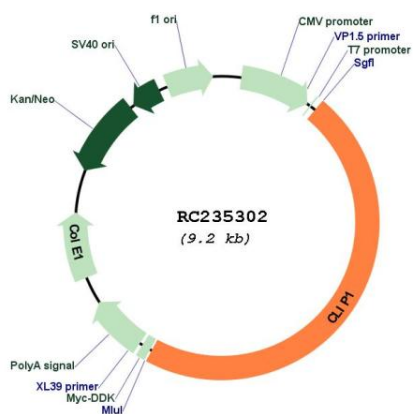
* The last codon before the Stop codon of the ORF

ACCN: NM_001247997

ORF Size: 4314 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_001247997.1 , NP_001234926.1
RefSeq Size:	5931 bp
RefSeq ORF:	4317 bp
Locus ID:	6249
UniProt ID:	P30622
Cytogenetics:	12q24.31
MW:	162.7 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]

Product images:



Circular map for RC235302