

## Product datasheet for **MC228419**

### Clip4 (NM\_001271484) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Clip4 (NM_001271484) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Clip4
Synonyms:	1700024K14Rik; 1700074B05Rik; 4833417L20Rik; 5830409B12Rik; Rsnl2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC228419 representing NM\_001271484  
 Red=Cloning site Blue=ORF Orange=Stop codon

CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGC  
 GCCC

ATGACCATAGAGGACCTCCCGGATATTCCATTGGAAGGAAGCTCTCTGATTGGAAGATACCCATTTTAT  
 TCACAGGCTCAGATACATCTGTTATCTTCTCCATTTCTGCAGCACCGATGCCTTCGACTGCGAGTTTTT  
 TTTCTTTGACCCTAACGATGCATCATGCCAGGAAATTCTCTCGACCCAAAACTTCAGTCTCAGAATTA  
 TTTGCTATTTAAGACAGTGGGTTCTCAGGTCCAGCAGAACATAGACATTATTGGAAATGAGATTCTTA  
 AGAGAGGCTGCAATGTGAACGATAGAGACGGACTGACGGACATGACTCTGCTACATTACACTTGCAAGTC  
 TGGGGCTCATGGCATCGGTGATATTGAGACAGCTGAAAAATTTGCTGCTCAACTTATAGACCTGGGAGCA  
 GACGCGAGTTTGGGAGTCGCTGGACGAACATGAACGCTTTGCATTACGCTTCGACTTTGATGTCCCGAG  
 AGCTTATCAGGGTGATTTTGAAGACATCGAAACAAAAGATGTGGATGCCACTTGCAGCGACTTTAATTT  
 TGGGACAGCCCTGCACATTGCAGCACATAACTTGTGTGCAGGAGCCGTGAAAACCTTGCTGGAGCTGGGA  
 GCGAACCTGCCTTTAGGAATGACAAAGGGCAGATCCCTGCAGAAGTTGTTCCAGACCCAGTGGACATGC  
 CTCTGGAGATGGCCGATGCTGCAGCGATCGCGAAGGAAATCAAACAGATGCTCTTGGATGCGGTGCCTCT  
 GCCCTGTACCAGCGCTAAGGCCGTGCTTCCAAACTCCGATCACACCACCAGCAGGGCCATGCTGACATCT  
 CTCGGCTGAAGTTGGGGGACCCTGTTGTTCATCGCAGGGCAGAAGGTTGGAACATTAAGATTTTGTGGAA  
 CAACGGAGTTTGAACGGGCGAGTGGGCTGGCATTGAGCTGGACGAGCCAGAAGGGAAGAACAACGGCAG  
 TGTTGGGAGAGTCCAGTACTTCAAGTGTGCCCCAAATACGGTATTTTGTCTCCCTTTCAAAGATAAGT  
 AAATTAAGACGGGAGGAAGACCACACACACTCCTTCCACGAGAGCCACCCACACGCCCCGATCCC  
 AGAAGGTCGATGTAGCCCACTTACATCCAGAGTCAATTCGGGTTGACGACATCTAAAAAGGAGACTGC  
 TTCTGAATCCACACTGACATTGCCTCCCAGTGAAGAACCAGAAACTGTAGCGGAAAATGACGCTGCCCGAG  
 CCTGGGTCATGAGCAGTTCTCTCTCTCTCTCTCTCTGGACCACAAGCAGAGCTACCCGAAGAAGCTGA  
 CCACAAGCAGCGGTGGCAAGAAGACTCTGAGCAAAAGCCCTCTCTCCCGTCCAGAGCCAGTGTGGTTT  
 GAAATCTTCAGCCACATCTGCAGCAAAACAGTCACCATGAAGGAGCGCTCCACCTTGGAGAAAGGGTG  
 CTGGTCTGAGCCAGCGAGTAGGCACCATTAAGTTCTTTGGAACAACAACTTTGCTCCAGGGTATTGGT  
 ACGGCATAGAGCTGGAGAAGCCCCACGGGAAGAATGATGGTTCGGTTGGAGGTGTACAGTATTTAGTTG  
 CTCTCCGAGATATGGAATATTTGCGCCCCGTCCAGGGTACAGAGGCTATCAGATTCCTGGATACGCTT  
 TCAGAAATATCTCAAATAAACAGAATCACTCTTATCCTGGTTTTAGGAGAAGTTTCAGCACCACCTCTG  
 CTTCTTCTCAAAAAGAGATTAACAGGAGAAATGCTTTTGCCAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** AscI-MluI
- ACCN:** NM\_001271484
- Insert Size:** 1797 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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\\_001271484.1](#), [NP\\_001258413.1](#)

**RefSeq Size:** 2228 bp

**RefSeq ORF:** 1797 bp

**Locus ID:** 78785

**Cytogenetics:** 17 E1.3