

Product datasheet for **MC228699**

Clip4 (NM_001271483) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Clip4 (NM_001271483) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Clip4
Synonyms:	1700024K14Rik; 1700074B05Rik; 4833417L20Rik; 5830409B12Rik; Rsnl2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC228699 representing NM_001271483
 Red=Cloning site Blue=ORF Orange=Stop codon

CTATAGGGCGGCCGGAATTTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGC
 GCCC

ATGACCATAGAGGACCTCCCGGATATTCCATTGGAAGGAAGCTCTCTGATTGGAAGATACCCATTTTAT
 TCACAGGCTCAGATACATCTGTTATCTTCTCCATTTCTGCAGCACCGATGCCTTCGACTGCGAGTTTTC
 TTTCTTTGACCCTAACGATGCATCATGCCAGGAAATTCTTTCGACCCAAAACCTTCAGTCTCAGAATTA
 TTTGCTATTTTAAGACAGTGGGTTCTCAGGTCCAGCAGAACATAGACATTATTGGAAATGAGATTCTTA
 AGAGAGGCTGCAATGTGAACGATAGAGACGGACTGACGGACATGACTCTGCTACATTACACTTGAAGTC
 TGGGGCTCATGGCATCGGTGATATTGAGACAGCTGTAAATTTGCTGCTCAACTTATAGACCTGGGAGCA
 GACGCGAGTTTGGGAGTCGCTGGACGAACATGAACGCTTTCATTACGCTTCGACTTTGATGTCCAG
 AGCTTATCAGGTGATTTTGAAGACATCGAAACAAAAGATGTGGATGCCACTTGCAGCGACTTTAATTT
 TGGGACAGCCCTGCACATTGCAGCACATAACTTGTGTGCAGGAGCCGTGAAAACCTTGTGGAGCTGGGA
 GCGAACCTTCCTTTAGGAATGACAAAGGGCAGATCCCTGCAGAAAGTTGTTCCAGACCCAGTGGACATGC
 CTCTGGAGATGGCCGATGCTGCAGCGATCGCGAAGGAAATCAAACAGATGCTCTTGGATGCGGTGCCTCT
 GCCCTGTACCAGCGCTAAGGCCGTGCTTCCAACTCCGATCACACCACAGCAGGGCCATGCTGACATCT
 CTCGGCTGAAGTTGGGGACCGTGTGTGCATCGCAGGGCAGAAGGTTGGAACATTAAGATTTTGTGGAA
 CAACGGAGTTTGAAGCGGGCAGTGGGCTGGCATTGAGCTGGACGAGCCAGAAGGGAAGAACAACGGCAG
 TGTTGGGAGAGTCCAGTACTTCAAGTGTGCCCCAAATACGGTATTTTGTCTCCCTTTCAAAGATAAGT
 AAATTAAGACGGGAGGAAGACCACACACACTCCTCCACGAGAGCCACCCACACGCCCGATCCC
 AGAAGGTCGATGTAGCCCACTTCACATCCAGAGTCAATTCCGGGTTGACGACATCTAAAAAGGAGACTGC
 TTCTGAATCCACACTGACATTGCCTCCAGTGAAGAACCAGAACTGTAGCGGAAATGACGCTGCCAG
 CCTGGGTCCATGAGCAGTTCCTCCTCCTCCTCCTGACCACAAGCAGAGCTACCCGAAGAAGCTGA
 CCACAAGCAGCGGTGGCAAGAAGACTCTGAGCAAAAGCCCTCTCTCCGTCACAGAGCCAGTGTGGTTT
 GAAATCTTCAGCCACATCTGCAGCAATAACAGTACCATGAAGGAGCGCTCCACCTTGAGAAAGGGTG
 CTGGTCTGAGCCAGCGAGTAGGCACCATTAAGTTCTTTGGAACAACAACTTTGCTCCAGGGTATTGGT
 ACGGCATAGAGCTGGAGAAGCCCCACGGGAAGAATGATGGTTCGGTTGGAGGTGTACAGTATTTAGTTG
 CTCTCCGAGATATGGAATATTTGCGCCCCGTCCAGGTACAGAGGCTATCAGATTCCCTGGATACGCTT
 TCAGAAATATCTCAAATAAACAGAACTACTCTTATCCTGGTTTTAGGAGAAGTTTCAGCACCACCTCTG
 CTCTCTCTCAAAAAGAGATTAAACAGGAGAAATGCTTTTGCCAAGACCAAGACCACCTTGCGCCGAGCTG
 GAGCAGTTCACACAGCGAGGTGGTCTGGAGGGGACCGTGAAGCTCCACGAGGGGTCTCAGTCTCTGCTC
 ACAAGCTCTAACGAAATGGCCACGGTAGCGTCACTGAAGGGTCCGTGCTAAACCCAGTCAACAGTGC
 CAATGGCAGTGGCTCTGACAGTCTCTGGAAGGATAAGCACCGATGTCTCTTCTATGGGAAAACGCCC
 TCTCCGGATGGACTCAAGAGTGAGTTTGGATGCTCATTGCAAGTCTCATATTGA

ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Ascl-Mlul

ACCN: NM_001271483

Insert Size: 2085 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001271483.1, NP_001258412.1</u>
RefSeq Size:	2521 bp
RefSeq ORF:	2085 bp
Locus ID:	78785
Cytogenetics:	17 E1.3