

Product datasheet for **MC218853**

Clip3 (NM_001081114) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Clip3 (NM_001081114) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Clip3
Synonyms:	1500005P14Rik; AI844915; Clipr-59
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC218853 representing NM_001081114
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACTAAGACGGATCCTGCCCAATGGCCCTCCGCCCGAGGGGAGGAGGAAGAGGAGGAGGAAGAAG
 ACGAACCAGTTCCAGAAGCCCCAGCCCCACCCAGGAGCGCCGGCAGAAGCCAGTTGTGCACCCCTCAGC
 ACCTGCTCCGCTCCCAAAGACTACGCTTTTACCTTCTTCGATCCAATGACCCTGCGTGCCAGGAAATT
 CTGTTTGACCCGAAGACCACCATCCAGAGCTGTTGCGCATTGTACGCCAGTGGTCCCCAAGTCCAGC
 ACAAGATTGATGTCATTGGCAACGAGATTCTTCGTCGTGGCTGCCACGTGAATGATCGTGATGGGCTCAC
 AGATATGACACTGCTCATTATGCGTGCAAAGCTGGGGCTCATGGAGTTGGAGACCCTGCGGCCGTGTG
 CGTCTCTACAGCAGCTGCTGGCGCTAGGCGCAGATGTGACCCTGCGCAGCCGCTGGACCAACATGAACG
 CCCTTCACTATGCCGCCTATTTTGTGTGCCAGACCTTGTTCGCGTGTCTGTAAGGGGGCAGGGCCAG
 GGTGGTGAACCTCACCTGCAGTACTTCAACCATGGCTCGGCTCTGCACATCGCTGCCTCGAATCTGTGC
 CTGGGCGCTGCCAAATGTTTACTGGAGCATGGTGCCAACCCAGCACTGAGGAACCGAAAGGGACAGGTGC
 CAGCGGAAGTGGTCCCAGACCCCATGGACATGTCCCTTGACAAGGCAGAGGGCGCCCTGGTGGCCAAAGGA
 ACTGCGGACACTCCTAGAAGAGGCTGTGCCACTGTCTGCACCCTGCCCAAAGTTACTCCCAACTAT
 GACAACGTCCCAGGCAATCTCATGCTCAGCGCGCTGGGCTGCGCCTAGGAGACAGAGTGTCTTTGATG
 GGCAGAAGACGGGCACGCTGAGGTTCTGTGGGACCACTGAGTTCGCCAGCGGCCAGTGGGTGGGCGTGGA
 GCTAGATGAACCAAGAAGCAAGAACGATGGCAGCGTTGGGGGTGCCGGTACTTCATCTGCCCTCCCAAG
 CAAGGTCTCTTTGCCCTGTGTCAAAGTCTCCAAGGCAGTGGATGCACCCCTCATCTGTTACCTCCA
 CGCCCGGACTCCCGGATGGACTTCTCCCGTGAAGTGGCAAGGGCCGAAGAGAACAACAAGGGGAAGAA
 GAAGTCCCATCTTCCCATCTCTGGGCAGTCTGCAGCAGCGTGAAGGGGCCAAAGCTGAAGTTGGAGAC
 CAAGTCTTGTGGCAGGCCAGAAGCAGGGGATTGTGCGCTTCTATGGGAAGACTGACTTTTCTCCAGGTT
 ACTGGTATGGCATCGAGCTGGACCAGCCACAGGCAAACATGACGGCTCTGTGTTGCGCGTCCGGTACTT
 TACCTGTGCCCGAGGCATGGGGTCTTTGCACCAGCATCTCGTATCCAGAGGATTGGTGGATCCACTGAT
 CCCCCGGAGACAGTGTGGAGCCAAAAAGTGCATCAAGTGACAATGACACAGCCCAAACGCACCTTTA
 CGACAGTCGGACCCCAAAGGACATTGCGTCAGAGAACTATCTCCAGGTTACTTCTGCTGCTGTT
 TCCTTGGATGCTGAGGGCAGAGATGCAGTCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001081114

Insert Size: 1644 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).

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_001081114.1](#), [NP_001074583.1](#)

RefSeq Size: 3300 bp

RefSeq ORF: 1644 bp

Locus ID: 76686

UniProt ID: [B9EHT4](#)

Cytogenetics: 7 B1

Gene Summary: Functions as a cytoplasmic linker protein. Involved in TGN-endosome dynamics. May modulate the cellular compartmentalization of AKT kinase family and promote its cell membrane localization, thereby playing a role in glucose transport in adipocytes (By similarity).[UniProtKB/Swiss-Prot Function]