

Product datasheet for **MC219367**

Ermap (NM_013848) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ermap (NM_013848) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ermap
Synonyms:	AA409279; AI666418
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219367 representing NM_013848
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGAAGCGGCTAAAGAAACATGTGGTGGCGTGGAAAATGTGTGAATGCCACACTCACGGAAGATGT
 CAGTTCATATGGAGAGACCAAGTCCCTGTGGTTCTTGGCTTGTGCGCTGTCTCTTACCATAGCTGTCTT
 CCAGCCGCTGTTCCAGGTGTTAGGGGATGCTGGCAAGGTCTACATAGCCCTCTTAGGGACACAGCCAAC
 TTGCCCTGCCCTCTTCTCTGGCCTAACATGGTACTCAGCGAGATGAGGTGGTATCGGCCCGGACACC
 TACCTCGACCCAGGCTGTCCACGTGTTCCGGGACGGGCAGGACAGAGATGAAGACCTGATGCCAGAATA
 TAAGGGCAGGACGGCACTGGTGAAGGATGCCACAAGGAAAGCTACATCCTGCAAATCAGTAATGTGAGG
 CTCGAGGACCGAGGGCTATACCAGTGCCAGGTGCGGTGGGAACTCAAGTCGAGAAGACAACGTGACCC
 TGCAGGTGGCAGTTTTAGGTTCTGATCCCTACATCCACGTGAAGGGCTATGATGTGGGTGGATCGAGCT
 GCTGTGTCAATCAGTGGGATGGTCCCAAAGCCGTGGACTGAGTGGAGAGACACTACGGGTAGAGCGCTA
 CTCTCCCTTTAGAGGTTCACTCCCTGGATGAAAATGGGCTGTTCCGAACAGCAGTGTCCAGCAGAATCA
 GGGACAATGCCCTGGGAAATGTGCTTGCCTATCCATAATGAGGCCCTTGGCCAAGAGAAGACGACGGC
 CATGATTATTGGAGCCCCAGAACGAGGAAGTCTGTCTCTCCAGCGGTGGCTCTTTCTGTGGTCTTGCC
 GTCTTGGGGCTCCTCATCTCTTGGCATCTGGCTCATTTGTAACAAAAAATCAAAAGAGAAGCTGC
 TGTATGAGCAAGCGATGGAGGTAGAAAATCTTCTGGAAGACCACGCAAGAAAAAGGAAGACTCCACAA
 AGCCCTCAAGAACTCCGGAGTGAAGTGAAGTTGAAAAGAGCGGCCGCAATGCAGGCTGGAGAAGGCC
 CGGCTACATTTTGTGGCAGTGACCCTGGACCCTGACACGGCACATCCCAAATCATCTGTCTGAGGATC
 GGAGATGTGTGAGGCTCGGCGACAGGAAGCGGCTGTTCTGACAACCCAGAGAGGTTTGAATTTTGTGT
 CAGCGTCTGGGCTCCGAGTATTTCAACCCGGCTGTCACTACTGGGAAGTGTACGTGGGCGAGAAGACC
 AAATGGATTCTTGGAGTGTGTAGTGTGTGAGCAGGAAAGGGAAGGTACGGCCTCGCTGCCAATG
 GCCACTGGCTTGTGCGACAGAGCCGTGGGAATGAGTATGAAGCTCTCACGTCCCCACAGACCTCCTCCG
 CCTCAAAGAGTCCCCGAAGTGTGTGGGATTTTCTGGACTATGAAGCCGGCATCATCTCTTCTACAAC
 GTGACTGATAAGTCCACATCTTCACTTCCACCCAGTTTCTCGAGCCCACTTCGCCCTTTCTTTGAAC
 CTTGTCTTACAGATGAGGGGAAAAACACGGCCCTCTAATCATTTGTAAGTGTGACTGAGCTTCAGAAATCAGAGGA
 ATCGATTGTCCCCAAACAAGAAGGAAAAGACCGTCTAATGGAGACGTGTCCCTGAAGATGAACCCATCC
 TTAAGGGCTCAAAGTTCCTTTTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_013848
Insert Size: 1779 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

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_013848.2](#), [NP_038876.2](#)

RefSeq Size: 4573 bp

RefSeq ORF: 1779 bp

Locus ID: 27028

UniProt ID: [Q9JLN5](#)

Cytogenetics: 4 55.34 cM

Gene Summary: Possible role as a cell-adhesion or receptor molecule of erythroid cells.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (a). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.