

Product datasheet for **SC317785**

ERMAP (NM_018538) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ERMAP (NM_018538) Human Untagged Clone
Tag:	Tag Free
Symbol:	ERMAP
Synonyms:	BTN5; PRO2801; RD; SC
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

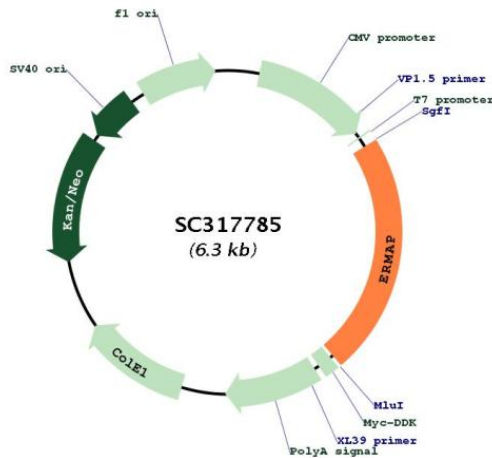
Fully Sequenced ORF: >SC317785 representing NM_018538.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGATGGCGAGTTCTGTGGCTCCTGGCTCTCTGGCTGCCTCATCCCTCTCGTCTTCCCTCCGGCTG
TCTGTGCATGTGCAGGCCACGCAGGGGATGCCGCAAGTTCCAGTGGCCCTACTAGGGGGCACAGCC
GAGCTGCTCTGCCCTCTCTCCCTCTGGCCGGGACGGTACCCAAGGAGGTGAGGTGGCTGCGGTCCCA
TTCCCGCAGCGCTCCAGGCTGTTACATATTCGGGATGGGAAGGACCAGGATGAAGATCTGATGCCG
GAATATAAGGGGAGGACGGTGTAGTGAGAGATGCCCAAGAGGAAGTGTCACTCTGCAGATCCTTGAC
GTGCGCCTTGAGGACCAAGGGTCTTACCAGTGTCTGATCCAAGTTGAAATCTGAGTAAAGAGGACACC
GTGATCCTGCAGGTTGCAGCCCCATCTGTGGGAGTCTCTCCCCCTCAGCAGTGGCTCTGGCTGTGATC
CTGCTGTCTGTACTTCTCATCATGGTGTGCCTTTGCCTTATCTGGAAGCAAAGAAGAGCAAAGAA
AAGCTTCTCTATGAACATGTGACGGAGGTGACAATCTTCTTTACAGCCATGCTAAAGAAAAAGGAAAA
CTCCATAAAGCTGTCAAGAACTCCGGAGTGAAGTGAAGTTGAAAAGAGCTGCAGCAAACCTCAGGCTGG
AGAAGAGCCCGGTTGCATTTTGTGGCAGTGACCCTGGACCAGACACAGCACATCCCAAACCTCATCCTT
TCTGAGGACCAAAGATGTGAAGCTTGGAGACAGACGGCAGCCTGTACCTGACAACCCCCAGAGATTT
GATTTCTGTTGTCAGCATCCTAGGCTCTGAGTACTTACGACTGGCTGCCACTACTGGGAGGTGTATGTG
GGAGACAAGACCAAATGGATTCTTGAGATGTAGTGAGTCAGTGAGCAGGAAGGGGAAGTTACTGCC
TCACCTGCCAATGGACTGGCTTCTGCGACAGAGTCGTGGGAATGAGTATGAAGCTCTCACATCCCCG
CAGACCTCCTCCGCCTTAAAGAGCCTCCACGGTGTGTGGGATTTTCTGGACTATGAAGCAGGAGTC
ATCTCTTTCTACAATGTGACCAACAAGTCCCACATCTTTACTTTCACCCACAATTTCTCTGGCCCCCTT
CGCCCTTTCTTTGAACCTTGCCTTCATGATGGAGGAAAAACACAGCACCTCTAGTCATTTGTTTCAGAA
CTACACAATCAGAGGAATCAATTGTCCCAGGCCAGAAGGGAAAGGCCATGCTAATGGAGATGTGTCC
CTCAAGGTGAAGTCTTCTTTACTACCCCGAAGGCCCCAGAGCTGAAGGATATAATCCTGTCCTTGCCC
CCTGACCTTGCCAGCCCTTCCAGGAGCTCAAGGCTCCTTCTTTTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
  
```

Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_018538

Insert Size: 1428 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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_018538.3</u>
RefSeq Size:	3381 bp
RefSeq ORF:	1428 bp
Locus ID:	114625
UniProt ID:	<u>Q96PL5</u>
Cytogenetics:	1p34.2
Domains:	IGv, IG, SPRY, PRY
Protein Families:	Druggable Genome, Transmembrane
MW:	52.6 kDa
Gene Summary:	<p>The protein encoded by this gene is a cell surface transmembrane protein that may act as an erythroid cell receptor, possibly as a mediator of cell adhesion. Polymorphisms in this gene are responsible for the Scianna/Radin blood group system. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (2) has an alternate 5' UTR and encodes the same protein, as compared to variant 1. Sequence Note: This RefSeq record represents the ERMAP*001.1.1 allele.</p>