

Product datasheet for **SC113423**

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:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_018538, the custom clone sequence may differ by one or more nucleotides

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ATGGAGATGGCGAGTTCTGCTGGCTCCTGGCTCTCTGGCTGCCTCATCCCTCTCGTCTTCTCCGGCTGT
CTGTGCATGTGTCAAGCCACGCAGGGGATGCCGCAAGTCCACGTGGCCCTACTAGGGGCACAGCCGA
GCTGCTCTGCCCTCTCTCCCTCTGGCCCGGACGGTACCCAAGGAGGTGAGGTGGCTGCGGTCCCCATTC
CCGCAGCGCTCCCAGGCTGTTACACATATCCGGGATGGGAAGGACCAGGATGAAGATCTGATGCCGGAAT
ATAAGGGGAGGACGGTGTAGTGAGAGATGCCCAAGAGGGAAGTGTCACTCTGCAGATCCTTGACGTGCC
CCTTGAGGACCAAGGGTCTTACCGATGTCTGATCCAAGTTGAAATCTGAGTAAAGAGGACACCGTGATC
CTGCAGGTTGCAGCCCCATCTGTGGGAGTCTCTCCCCCTCAGCAGTGGCTCTGGCTGTGATCCTGCCTG
TCCTGGTACTTCTCATCATGGTGTGCCTTTGCCTTATCTGGAAGCAAAGAAGAGCAAAAGAAAAGCTTCT
CTATGAACATGTGACGGAGGTGGACAATCTTTTTCAGACCATGCTAAAGAAAAAGGAAAACCCATAAA
GCTGTCAAGAAACTCCGGAGTGAAGTGAAGTTGAAAAGAGCTGCAGCAAACCTCAGGCTGGAGAAGAGCCC
GGTTGCATTTTGTGGCAGTGACCCTGGACCCAGACACAGCACATCCCAAACCTCATCTTTCTGAGGACCA
AAGATGTGTAAGGCTTGGAGACAGACGGCAGCCTGTACCTGACAACCCCAAGATTTGATTTCTGTTGTC
AGCATCCTAGGCTCTGAGTACTTACGACTGGCTGCCACTACTGGGAGGTGTATGTGGGAGACAAGACCA
AATGGATCTTGGAGTATGTAGTGAGTCAGTGAGCAGGAAGGGGAAGGTTACTGCCTCACCTGCCAATGG
ACACTGGCTTCTGCGACAGAGTCGTGGGAATGAGTATGAAGCTCACATCCCCGCAGACCTCCTCCGC
CTTAAAGAGCCTCCACGGTGTGGGGATTTTCTGGACTATGAAGCAGGAGTCACTCTTTCTACAATG
TGACCAACAAGTCCCACATCTTTACTTTTCAACCAATTTCTCTGGCCCCCTTCGCCCTTTCTTTGAACC
TTGCCCTCATGATGGAGGAAAAACACAGCACCTAGTCATTTGTTTCAGAACTACACAAATCAGAGGAA
TCAATTGTCCCCAGGCCAGAAGGAAAGGCCATGCTAATGGAGATGTGTCCCTCAAGGTGAACCTTCTT
TACTACCCCGAAGGCCCCAGAGCTGAAGGATATAATCCTGTCTTGGCCCCCTGACCTTGGCCAGCCCT
TCAGGAGCTCAAGGCTCCTTCTTTTAG
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_018538 unedited
 GTTGTTCGAATTTTGTAAACGACTCACTTATAGGGCGGCCGCGATTTCGGCACGAGCAGC
 TCTCTAAAAGCAAGCATGTTTTAGACCCTCACTCTTTCCCTCTTTCTTCAGGAATGAAT
 TGGGAAAGGCTGATGAGTAAAACATACCATCCTTTTCTATTTTCTTGATGCTGTTTACAA
 CATAGTTTGGTGATATCCAGAGCTAATGTACATGCTTTCAAAGCTAATCTGCCTGTTGA
 TGGTAACTAGGTACAGCGACTTTAAATACAGTTGCTATAATCTGAAAAGCCCCAGGAGC
 ACATCAGGGAGCTGGGAAACACAGTTGCAGAGAAGCTCAGCTGTATGTTGCCCTTGACCT
 TGGCCCAGACCTTCAGAGGCTCAGTCTGTTGAGTCTGTTGTGACTGTCTTATGAATCAAT
 CTGTTGTGCCAACCCCTTCTGAGATTTCAGAGAGGTCCAGCTAGAAAAAGTGGCAGTTTTA
 ACCACCAACGTAGAAGCTTTTTTTTCCCAACAAGACCATTGTAAGTCAATACTACATTTT
 TTGTGGANNANANAGNCTCTTAAGTTGGAGAGTATTGATTTCAAATAGGAAGTTGGTAG
 ACTAGGTGCGAAGATGAAAAATGACCCTTGATTTTGGGCGGGCTTTCAGAACCCCTC
 CCCTTTTCAGTCACATTATAATTGCCAACCTGGCTTAACCTGGGAAAACCTTGTAAACA
 GTTTGCAAAAGAAAACCCGTTTTTATCCAACAAAAGTGTCTTTTTTGTGGGAAA
 AAGGTCTCCGCTTATCCCGTTTTAAACCAAGTTTTCCAAAACAAAACAATTTAT
 ATTGGGGCGCGGGGGCGGGGCTTTTAAAGAACTCCCCCGGTTTATGGGCGCGGTAA
 CCCCCAAATGGGG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_018538 unedited
 CTATGGACCGCGCCGAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
 TTTTTTTTTTCAACAAATACCAAACTTTTTATTTTAAAAGTACAAAAGCAAACAAA
 AATTCCACTGAGTCACTGGGATAGTTAATCTTATGTATCCACTTAACTGGGTACAAAAT
 GCCCAGCTTTTTGGTCAAACATTATTCTGAGTGTCTGGGAGGGGGTTCTCAATGACT
 TTAACATTCAAATCAGTAAACTGAGTAATGCAAACTGTCCTCCCAATGGGGCGGCCCT
 TGCTGAATCAGTTGAAGGCTGAATAAAAACAAAAGCTAACTCTGCCCTAAAAAAATTC
 TTCTGCCTAATAGCCTTGGGACAGGACCATCAGCTTTTTCTTGCCTTCGGACTTGAAT
 TAAACATCATCTTCTTGGCGTAAAGCCTGCTGCCATCAAAGTGAACATAACCATCA
 GCTTTCATGGGACTCCATCTTGTGACTTATCCTGCAGATCTTGGAAATTAACCGCTCC
 ATAATCCCGTGAGCACTCCCTAAAATAACCACCGCCCCCTGCCCATAAATATATGGA
 TCTTGTCCCTTGGAAAACCTTGACTAATCCCGGACCTACCGGAGATTTTTGCACAACA
 AAAAAATCAGTTTCTGTGGGAAAAACGGGTATCCCTCCGCAACTGGAACCCCTTCCCC
 CTGGGTAGGCCCATCCCTATTTGTGCGCCCTGATACAAAAGGCTTCGCATTACCTC
 AAAACAGGGCGCTTATTCTCCCCCCTTCTCCAATCCCTTTTGAAGCATCCTCCAT
 TTGGCGCATATATCCCGNCGCCCGTGCTGTTTTTGGCCCTCGCCCTTTCTTGTGTTAA
 TCCCGCCCCCCCCCGAGCCTGTCCCGCGCCCCCGGGACCGCTCGGTGGT

Restriction Sites:

NotI-NotI

ACCN:

NM_018538

Insert Size:

1470 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:	<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_018538.1, NP_061008.1</u>
RefSeq Size:	3381 bp
RefSeq ORF:	3381 bp
Locus ID:	114625
UniProt ID:	<u>Q96PL5</u>
Cytogenetics:	1p34.2
Domains:	IGv, IG, SPRY, PRY
Protein Families:	Druggable Genome, Transmembrane
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>