

Product datasheet for **SC319869**

BMERB1 (NM_033201) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BMERB1 (NM_033201) Human Untagged Clone
Tag:	Tag Free
Symbol:	BMERB1
Synonyms:	C16orf45; MINP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_033201.1
 GCGTCACGGGCGCCCGCCGTTAAAACGCTGCTGGCTGGAGCCACCTCCCTCCCTGCAG
 CCCGCAACGGGAATGGAGTAAAGGGAGACCCGTCGACCTGGCCACGGGGATCAGCGATGG
 AATTAAGCAATCTTTGTCCACCCATCTGGAAGCCGAGAAGCCTCTGAGGCGCTATGGGG
 CGGTGGAGGAGACGGCTTGGAAAACGGAGAGACTGGGGAGAAATCAGCTGGACATCATCT
 CCATGGCCGAGACAACCATGATGCCAGAGGAGATTGAGCTGGAGATGGCAAAAATTCAGC
 GTCTCCGGGAAGTCTTGGTCCGCCGGGAGTCTGAGCTCAGGTTTCATGATGGATGACATCC
 AGTCTGCAAGGACATCATGGACTTGAAGCAGGAGCTGCAGAACTTGGTCGCCATCCAG
 AAAAAGAAAAAACAACTGCAGAAGCAGAGAGAGGATGAGCTAATCCAGAAGATCCACA
 AACTGGTGCAGAAGAGAGACTTCTGGTGGACGATGCGGAGGTCGAGCGTTAAGGGAGC
 AAGAAGAAGACAAGGAAATGGCTGATTTCTGAGAATCAAGTTAAAACCTCTAGACAAAG
 TAACCAATCTCCAGCCAGCTCCCGGGCAGAGAAGAAAGCAGAGCCCCACCTAGCAAGC
 CCACGGTGGCCAAGACGGGGCTGGCACTGATCAAGGATTGTTGCGGGGCCACCCAGTGCA
 ACATCATGTAGCCCCACGTGGGGTGGCCCTGGGCCATGGGGACCCCCCCCCACCCTTTG
 TCTTTATAGCCCCATTTACCCGGGCCAAGAGCTCTCAAGGCAGAAGGGTTGAAGG
 CAAGCCCGTGACTGTACCAGAGCCATGGGCACGGCAGGCGGGCTGGCCACCCTGTAC
 AGAGTGTAGCAGTAGGGAGTCTCTACCCTCGCATGGTCTCCCCAGAGCATGCCGAACC
 CAGGAGTCTGTCTCACTGTTATCCAAACACCAGGAAAGGTCTCCCTCAAAAAGCATA
 TCTCCACTTCTCTAGCTGTATCTAACCACCGTGTGAATGAACTGGGAGAGGGGCATG
 CTCCCCAGCTGTGTGTAGTCGTGACTTCTCAACAATCTAGCACCATGTCGGACACGTTCC
 CCATCCACCCTCTAGCTGTCTCTCAGAGCTAGGCACATGGGCACAGTCCCCTCCCCT
 CTGTCTCTCCAGCAACTGTGCCCTGGAGGGCTCCACATGGCCCCCGTGTCTCTCGGGC
 ACCACCATATAGCAGTCCCAGAGGGCCCATCTGTAAGATCGAGCTTGTGTGTGGTGTG
 GTGGTCACATCTCCCGCTTCCCCCATCCTGTGTCTGGGCACAGTTCACATCAGGACAGC
 GTCCATTTGTGCTCTCAGTCTGCCTCAGGTGTGTGCCTGGAGGGGGCTGGACTGGCATGG
 ATCCAGTGTGCAGAAGAGCCAGCAGGGAACCGGAAGCTCTGATGTCAAGGCCAGAGCAGT
 TGAGAATGGGACCAGAGTAGATGCTGACCTGGGCACTCCACCATTCCGGGGCCACCACA
 GAGATGCCAGCAGGATGCCACTTGGCCAGCCGACACACGGACCTTTGTAAGAAGACGCA
 ACAGGCAGGAGAGGCAGCGTGTGACCAGATTGTGTCCCGTCATTGGGTGGCATATGTTAA
 CTAGCTGCCAAAACACTCAACCCGTGTAATTCATGTACATTTGCAACAGCCAGCCCGGT
 ACAGCCTGTGTGACTTCTCTGTATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT
 TAACTCAAGATGTGATGTGCAGTCACCCATCAGAGAAAATAAAAATGGAACCACGTTT
 ACAGCATTTTAAAGTTTTTACTTTTTTTCTTGATTATGGAAGTAATCCATGTACATAGT
 AAATCATTTTAAAGTACAAAAGTATGAAGAAGTTTGTCTTAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_033201

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:

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_033201.1](#), [NP_149978.1](#)

RefSeq Size: 2032 bp

RefSeq ORF: 615 bp

Locus ID: 89927

UniProt ID: [Q96MC5](#)

Cytogenetics: 16p13.11