

Product datasheet for **SC320189**

BEGAIN (NM_020836) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BEGAIN (NM_020836) Human Untagged Clone
Tag:	Tag Free
Symbol:	BEGAIN
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_020836.2
CTGCTTTGTCTGCTGTCCCTCTCTGCTGGAGAACTTAGCCCAGAGCTAGTGAACGAGCC
TCTGCCGACAGACATGGAGAACTCAGCGCGCTGCAGGAGCAGAAGGGCGAGCTGCGCAAG
CGGCTGTCTACACCACACAAAGCTCGAGAAGCTCGAGACCGAGTTCGACTCCACGCGC
CACTACCTGGAGATCGAGCTGCGGCGCGCAGGAGGAACTGGAGAAGGTCACGGAGAAG
CTGCGCAGGATTCAGAGCAACTACATGGCACTGCAGAGGATCAACCAGGAGCTGGAGGAC
AAGCTGTACCCGATGGGCCAGCACTATGAGGAGGAGAAGCGTGGCTGAGCCACGAGATT
GTTGCCCTCAACAGCCATCTGCTAGAAGCCAAGGTGACCATCGACAAGCTGTCAGAGGAC
AACGAGCTCTATAGGAAGGACTGCAATCTAGCGGCCAGCTGCTGCAGTGCAGCCAGACC
TACGGCAGGGTCCACAAGGTGTCTGAGCTGCCCTCGGATTTCCAGGAGCGCGTGAGCCTG
CACATGGAGAAGCAGCGCTGCAGCCTGCCATCCCCGCTCTGCCACCCGGCCTACGCCGAC
AGCGTCCCCACCTGCGTCATTGCCAAGGTGCTGGAGAAGCCGACCCCGCCAGCCTGTCC
TCCCGCTGTCCGATGCCTCCGCCGCGACCTGGCCTTCTGCGACGGGGTGGAGAAACCA
GGCCCGCGGCCCCCTACAAGGGAGACATCTACTGCAGTGACACAGCCCTCTACTGCCCC
GAGGAGCGGGCGGAGACCGGCGCCTAGCGTGGACGCGCCCGTGACCGAGCTGGGCTTC
CTGCGGGCCAGAACTCCACTGACAGCGCGCCGAGGAGGAGGAGGAGGCGGAGGCGGGC
GCCTTCCCGCGGGCTTCCAGCATGAGGCCTTCCCCAGCTACGCAGGCTCACTGCCACG
TCCAGCTCCTACTCCAGCTTCAGCGCCACGTGGGAGGAGAAGGAGCACGCGCAGGCCAGC
ACGCTGACCGCGTGCAGCAGGCCATCTACCTGAACAGCCGCGACGAGCTCTTCGACCGC
AAGCCACCCGCCACCCTACGAGGGCAGCCCTCGCTTTGCCAAGGCCACGGCCGCGGTG
GCGGCCCCGCTGGAGGCCAAGTGGCCCCAGGCTTCGGGCGGACCATGTCACCGTACCCG
GCCGAGACCTTCCGCTTCCCGCCTCTCCGGTCCCAGCAGGCCCTGATGCCCCAAAC
CTGTGGAGCCTGCGGGCAAGCCGGGGACCGCCGGCTCCCCGGGGAGGACATGAGGGGC
CAGTGGCGTCCCCTGAGCGTGGAGGACATCGGCGCCTACTCCTACCCCGTGAGCGCTGCC
GGCCGCGCCTCACCTGCAGTCTCTGAACGCTACTACGGCGGGCCGGGGGACGCCCCG
GGCAAGAAGGCCGACGGCCGCGCCAGCCGCTCTACGCCAGTACAAGGCCGACAGCTTC
TCCGAGGGGGACGACCTCTCCAGGGCCACCTGGCAGAGCCCTGCTTCTGCGGGCGGGC
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GAGGGGGGGGACGGGACAGGCTCGGGGTGCAGCTGTGTGGACCAGCCAGCAGCCTGAG
CCCAGCAGGGTTCAGGGACTCCTTGGAGCCGAGCTCCATGGAGGCTCCCCGAAATG
CATCCTGCGCCCGCCTCAGCCCCAGCAGGCTTCCGCGGACTGGTGGCTCGGGGCTG
AGCCGCAAGGACAGCCTACCAAGGCCAGCTCTACGGAACCTTGCTCAACTGAGCGCT
CGGTGCAGGCCTGGCCGTGGTTCGCTCCCCGCCAGCCACGTGCCCCAGAAGGGCCGGCC
TCACCTCTCCCCAGCCCCGCTGTTCCCTGCCCGGCCAACAACGAGGAGTCTGTTCTCT
CCCCGACCTCCTCTCTCCCCAGCCCTGTAGGCTGAGGGGAGGGTCCCCCACACCAGC
GTGTCCACCCGGCCCCGCCCCGTGGAATCCACTTAGAGCGTTTTTACGCGCTCTTCCC
CCATGTGAGAGGAGCATCCCCCTTTTATAAAGCGAACTATTTTTATAGAGAAAAGGG
TCTTTCTTAACGCACTTGGCTCCAGCTCCCTGGACGGTGCCTTGGCGTTTTCAACACA
AAGCTCCTTTATTTTTGGGCGAGGGTGGTGGGGCCTGCCCTTGAAGGGAAGGGAAG
GACGGTGTCTGTGGAGACCAGACTCTGCAAGTGGGGAGACCACCCCGCAAGCCAGTGA
CAAGGGAGCCCTGAAGTTGTGTCCACGAAGAGGAGCTGAAACAATTCGGGGCTATGAA
GTGTTTTAAAAATCCATTCTTCGAGTGTGGCCACCACACCGCCCTGAGCCCTCCACGG
CCCATCGTCCCGGTGGGCCGGGATGATGCCCCAGTGGCGCGGTGCTCATCTCCGCCCC
CGGGTCCGCCCCCTGACACCGTCTACTCTACCTCAGACATGAGGAGGCCCTCCATTCT
GGTTTCTGTAGCTTGATTCTTGTGTCTCTGATGCATGCCCTGCCAGTTAGTACTGTAT
TTTGCATTCAATAAAAAGACACCGGTGGAIAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA
    
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Restriction Sites:

Please inquire

ACCN:

NM_020836

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_020836.2</u> , <u>NP_065887.1</u>
RefSeq Size:	2723 bp
RefSeq ORF:	1782 bp
Locus ID:	57596
UniProt ID:	<u>Q9BUH8</u>
Cytogenetics:	14q32.2
Protein Families:	Druggable Genome
Gene Summary:	<p>May sustain the structure of the postsynaptic density (PSD).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 encode the same protein.</p>