

Product datasheet for **MC218825**

Best1 (NM_011913) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Best1 (NM_011913) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Best1
Synonyms:	Bmd; mBest1; Vmd2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC218825 representing NM_011913
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACTATCACCTACACAAACAAAGTAGCCAATGCCCGCCTCGGTTCTGTTCTCGTCCCTCCTCTGTGCT
 GCGGAGGCAGCATCTACAAGCTGCTGTATGGAGAATTCCTTGTCTTCATATTCCTCTACTATTCCATCCG
 TGGACTCTACAGAATGGTTCTCTCGAGTGATCAGCAGCTGTTGTTTGAGAAGCTGGCTCTGTACTGCGAC
 AGCTACATTACAGCTCATCCCTATATCCTTCGTTCTGGGTTTCTATGTTACATTGGTGGTGGAGCCGCTGGT
 GGAGCCAGTACGAGAAGTGGCGTGGCCCGACCGCCTCATGATCCAGGTGTCTAGCTTCGTGGAGGGCAA
 GGATGAGGAAGGCCGTTTGTGCGGGCGCACGCTCATCCGCTACGCCATCCTGGCCAAAGTGTCTATCCTG
 CGCAGCATCAGCACCTCGGTCTACAAGCGCTTCCCACTTTACCACCTGGTGTAGCAGGTTTTATGA
 CCCATGGGGAACATAAGCAGTTGCAGAAGTTGGGCCTACCACACAACACATTCTGGGTGCCCTGGGTGTG
 GTTTGCCAACTTGTCATGAAGGCTATCTTGGAGGTGCAATCCGGGACACCGTCTGCTCCAGAGCCTG
 ATGAATGAGGTGTACTTTGCGTACTCAGTGTGGACAGCTGTATGCCTACGACTGGATAAGTATCCCAT
 TGGTGTACACACAGGTGGTGACAGTGGCAGTATACAGCTTTTTCTTGCATGCTTGATCGGGAGGCGAGTT
 TCTGAACCCAAACAAGGACTACCCAGGCCATGAGATGGATCTGGTTGTGCCTGTCTTCACAACTCTGCAA
 TTCTTATTCTACATGGGCTGGCTGAAGGTGGCAGAACAGCTCATCAACCCCTTCGGGGAGGACGATGATG
 ATTTTGAGACTAACTGGATCATTGACAGAACTGCAGGTGTCCCTGTTGTCCGTGGATGGGATGCACCA
 GAACCTTGCCCTCCCATGGAACGTGACATGTAAGGACGAGGCAGCGCCTCAGCCGCCCTACACAGCTGCT
 TCTGCCAGGTCTCGCCGGCATTCCCTTCTGAGGCTCCACCTCAACATCAGCCTAAAGAAAGAAGACTTAG
 AGCTTTGGTCAAAGAGGAGGCTGACACGGATAAGAAAGAGAGTGGCTATAGCAGCACCATAGGCTGCTT
 CTTAGGACTGCAACCCAAAAACTACCATCTTCCCTTGAAGACTTAAAGACCAAACTATTGTGTTCTAAG
 AACCCCTCCTCGAAGGCCAGTGAAGGATGCCAACAGAAAAACAGAAAGATGTCTGGAATTTAAGG
 GTCTGGACTTCTTGAATGTGTTCAAGGTTAAGAGGAGAGGCTCCCATTTGTGGCCACAGGCACCCAG
 CAGCCACCCTACTGAGCAGTCAGCACCTCCAGTTCAGACACAGGTGATGGGCCTTCCACAGATTACCAA
 GAAATCTGTCACATGAAAAAGAAAAGTGTGGAGTTTAACTTGAACATTCCAGAGAGCCCCACAGAATC
 TTCAACAGCGCCGTTTGGACCAGATGTCAACCAATATACAGGCTCTAATGAAGGAGCATGCAGAGTCCTA
 TCCCTACAGGGATGAAGCTGGCACCAAACTGTTCTCTATGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_011913
Insert Size: 1656 bp

OTI Disclaimer:	<p>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.</p> <p>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</p>
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:	NM_011913.2 , NP_036043.2
RefSeq Size:	2087 bp
RefSeq ORF:	1656 bp
Locus ID:	24115
UniProt ID:	O88870
Cytogenetics:	19 A
Gene Summary:	Forms calcium-sensitive chloride channels. Permeable to bicarbonate (By similarity). [UniProtKB/Swiss-Prot Function]