

Product datasheet for **MC215744**

Bend7 (NM_178663) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bend7 (NM_178663) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Bend7
Synonyms:	1110017O21Rik; E130319B15Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC215744 representing NM_178663
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGAGTTCTCGGAGAGGAAAAGAAGCAGGAAATCCCAGAGCTTCAAACCTGGTGAGCCGAGATTATCACC
 ATGAGGTGTATAAATCTCAGAATTCAGCAATGATGTTAATGGGAGACCAAAGAGACACAACCCATTTA
 CTTAGGAGACGAAAGCATGGAATTTAAAAACAATACGGGGATGAGAAGATTACTGAATGACAGCACT
 GGAAGGATATATCAGCGTGTGCGCAAAGAAGGAGAAAAATTTAAACAAGAGCCGAGGTTGTGGATTAG
 TCTGGCCTCAGCGGTCCAACCTTCCACCGAGGCCCTCACAGGGCCTCCACTCTAATTCACGTGGGCGTG
 GAATGAATACCAACCAAAGCGGGCAGTTCTCAGGGCAGTCTGGTCCACGCTCCAGAACCTTCAGACT
 CAGCCCCACATCTCTGCAAGTTCCAATGGAGAATTCCAGGGTGAATTCATAGTCGGATCCAACCTGCT
 GTACTTGAATGCCAGTCAACCTTGAGGCCATTCTCCAAGAGCTCAAGACCATGAGGAAATTAATGCA
 GTTTCAAGCAGTTGGAATCAAAACAGACAACAACCCCAATTTCCCTTATGTGCTCCAGCGAACCGCC
 GTCTCACGCAAGAGAAATAAAAAGAAAAAGTGCTTCCGAAGACTGTGCAACCTGTGACGGCTGTGGAAC
 CAAAGCCAGTCCCTTGAAACTGAGAAGAAGCCAGCAGCCTCGGCCACAAGGCCACAGGTCTCCAAGC
 TGCAGAGCGCACCTCCACCGAGGAGAACCACGTCCTGGGATTTGGCATTGTTCTGGAATCGCCGCTCTCA
 GATCCAGAAGTGCAACTTGCTGAAGGCTTCGATGTGTTTATGCCAAATCTCAGCTGGACTCTATACTGT
 CAACTACACTCGCTCAGGAAGCCTTCTGTTTAGAAAAGTGGTGTGTGCATTTTTTGACGACAAGACTTT
 GGCTAACTCCTTACCAACGGAAGCGGAAAAGAGGGTCAATGACAACCGGAAAGGACTAGACCAAAAC
 ATTGTGGGTGCAATAAAGTCTTTACAGAAAATTACTGTACTGCGAATCATGTGGATAAACTTCTGGCC
 CCAGAGACTGGGTGCAGATTCTGCAGGATCAGATTAACTGGCCAGAAGAAGTTGAAACGAGGCTCAGC
 AGAGGTAGCTGACGGTGATGAAAGACTGGACCGCATCTCTACCCCAACAGGTGATACATTTGTCATC
 AAGAGAGAGACCCAGAGGACCCAGAACCAGGTTCCGTGGCCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_178663
- Insert Size:** 1305 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:**
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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_178663.4, NP_848778.1</u>
RefSeq Size:	3837 bp
RefSeq ORF:	1305 bp
Locus ID:	209645
UniProt ID:	<u>Q8BSV3</u>
Cytogenetics:	2 A1