

Product datasheet for **MC218729**

Bend4 (NM_001164806) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bend4 (NM_001164806) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Bend4
Synonyms:	D330027G24Rik; EG666938
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC218729 representing NM_001164806
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCCCGAGATGCAGGCGCGGAGGAGGGGCCAGCGCCCGCATCTACAAGCAGCGCGGCCCT
 ACAGCGTCTCAAGACGTTCCCCAGCCGGCGCGCGCTGGCCAAGCGCTACGACAGACCTCTCTGCT
 CGAGCTGTCGCCCGCGCGCCGTCCCGCTGCCGCGCGCGCGCGCGCCCTTCGCTCGCTCGCC
 GCCGTGCCATCAGCAGCAGCGAGCCGCGCGCTCCCGACGCAGCCGTCTACCCGCGCGGGTCAGGCC
 GGGCCCCCGCGCGCGCGCCCTCGTCGTCGTCGCGCTCTGCACACCCGCGCGCCCCGGGCCATCC
 CAGGACTCCGGCGCCACCGCGCGCGCTCCGCGCTCGCGGCCCGCGCGCTCGTCGTCGCTCC
 TTCGCGCGCTCGTCAGGTACGGCCCTGGCCCGCGACCGCGCTGCAGCAGCGCGCGGTAGCGACG
 GCGCCAGCCTGGAGCTCAGTGCAGAGAGCCGGATGATCCTGGATGCCTTTGCCAACAGTGCAGTCGTGT
 TCTTAGTCTCTAAACTGTGGAGAAACTTCTGGACTCAACCACTCTCAATCCATGATTTCTTGGCTC
 AAGCAGGAAGGCTCTAGTTATAATGAAAGACAGGACAGTGTACATTGTGAAAGGGTCCAGAGTCAGA
 CCTCTGACAACATAGACATAGAAATGCAATATATGCAAAGAAAGCAAAACTTCTGCCTTTTTGAGAGT
 GTTCACTGACTCTCTCCAAAATTATCTGCTCTCGGGGAGCTTCCCGACTCCAAACACCTCATCAGCCAGT
 GAGTATGGCCACCTGGCTGATGTGGACCCTCTCTCAGCCTCCCCGGTGCACACCTTAGGTGGCTGGACCT
 CTCCGGCAACATCTGAGTCTCACGGTACCCATCCTCCTCTACGCTGCCGGAGGAGGAAGAGGAAGAGGA
 AGAAGAAGGCTACTGCCCTCGATGCCAGGAGCTGGAGCAGGAGTTATCTCGTTGCAACAAGAAAATGAA
 GAGCTCAGAAGAAAATTAGAGAGCATCCAGTCCCTGCCAGACCGTCTCGATTACCTGAAGACAGTGC
 TGCTGCACCACAACCAGCTCCTGCCGAGCCCGCGAGCCACCCAGGGAAGCAAGCAGCTGTTGAA
 CAACTACCCTGTGTACATAACGAGCAAAACAGTGGGACGAGGCCGTGAACTCCTCCAAGAAGGACGGGCGG
 CGGCTCCTGCGCTACCTCATCAGATTTGTCTTACCACAGATGAGCTTAAGTACTCATGCGCCTTGGGA
 AAAGGAAAAGGTCAGTGCAGTCAAGGAGAGCAGGTCCCAGAAAGACGCCCTCTGGATCCAGTTAAAGTCA
 GTGCTCCGAGAATTCATTAGGATGCACTGTACCTCAAACCTGATTGGTGGATGCCCTCGGAGGAGCAG
 ATAACAAAGTGTTCAGCGATGCTGTAGGTGATGCCCGACAGGGCGGGCGTGGGACTTCTCTGCACA
 ACGGTGGCTCGTTTTATGAAGGGATGGATACCAGGCTTCCAGGATGAGGTCTTCAGCAAGACACAGGA
 CGGATCTGGGGACTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001164806

Insert Size: 1626 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.

RefSeq: [NM_001164806.1](#), [NP_001158278.1](#)

RefSeq Size: 7935 bp

RefSeq ORF: 1626 bp

Locus ID: 666938

UniProt ID: [P86174](#)

Cytogenetics: 5