

Product datasheet for **RN216610**

Bend7 (NM_001191834) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bend7 (NM_001191834) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Bend7
Synonyms:	RGD1305898
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN216610 representing NM_001191834 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGATTATCACCATGAGGTGTATAAAATCTCAGAATTCAGCAACGATGTTAATGGGGAGACCAAAGAGA
CACAACCCATGTTCTTAGGAGACGGAAGCATGGAATTAAGAAACAAATTACGGGGATGAGAAGATTACT
GAATGACCGTACCGGGAGGATCTATCAACGCGTCGGCAAAGAAGGGGAAAACTAAAAGAAGAGCCCCAG
GATGTGGATTTAGTCTGGCCTCAGAGATTGAACCTCTCCACCGAGGCCCGCAGGGCCTCCACCCTCCTT
CACGTGGGGCGTGAATGAACCTACCAGCCCAAAGCGGGCAGTTCTCAGGGCAGCCCGGTCCACGTTCTAG
AACCTTCCAGAGTCAGCCCCACATCTCTGCAAGTTCCCATGGGGAACCTCCAGGGGTGAATTCGACGGCC
GGATCCAACTGCTGCACTTGTAACCTGCCAGTCAACCTTGCAAGGCCATTCTCCAAGAACTCAAGACCATGA
GGAAATTAATGCACTTTCAAGCAGTTGGAACCTCAAACAGACAACAACCCCAATTTCCCTTGTGTGCTC
CCAGCGAACCGCCATCTCAGCAAGAGAAATAAAAGAAAAAGGTGCTCCCGAAGGCTGTGGAACCCATG
ACTACTGTGAAACCAAGCCTAGTCCCTCGGAACTGAGAAGAAGCCAGCAGCGTGGCCGCAAGGCCAC
CTGGTCTCCAAGCTGCAGAGTGCGCTTCCGCTGAGGAGAACCACATCTTGGGATTTGGCATTGTCTCTCA
ATCGCCGTCCTCAGATCCAGAAGTGAACCTGCTGAAGGCTTCGATGTGTTATGCCCAAATCTCAGCTG
GACTCTATATTGTCAAACCTACACCGCTCAGGAAGCCTTCTGTTAGAAAACCTGGTGTGTGATTTTTTG
ATGACAAGACTTTGGCTAACTCCTTACCCAACGGGAAGAGGAAAAGAGGGCTCAATGACAACCGGAAAGG
ACTAGACCAAAACATTGTGGGTGCAATAAAAGTCTTTACAGAAAACCTACTGTACTGCGAATCACGTGGAC
AAACTTCCCGCCACGAGACTGGGTACAGATTCTACAGGACCAGATTAAGTGGCCAGAAGAAGGTTGA
AAAGAGGCTCAGCAGAGGTAGCTGACGGTGATGAAAGACTGGATGGCATCTCTCTACCCCAACAGGGCA
CGCGTTTGTGACGAGGAGAGAGACCCAGAGGACCCAGAACCAGGTTCCATTGCC**TAG**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-RsrII
ACCN:	NM_001191834
Insert Size:	1248 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001191834.1, NP_001178763.1</u>
RefSeq Size:	1291 bp
RefSeq ORF:	1248 bp
Locus ID:	361275
Cytogenetics:	17q12.3