

Product datasheet for **SC112113**

BEN Domain Containing Protein 5 (BEND5) (NM_024603) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BEN Domain Containing Protein 5 (BEND5) (NM_024603) Human Untagged Clone
Tag:	Tag Free
Symbol:	BEN Domain Containing Protein 5
Synonyms:	C1orf165
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_024603, the custom clone sequence may differ by one or more nucleotides

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ATGTACGCCCTTTGTGCGGTTCTGGAGGACAACGTCTGCTACGCGCTGCCCGTGTGCGTGCCTGCGGACT
TCAGCCCCGCTCGCGGCTGGATTTTGACAACCAGAAGGTGTACGCCGTGTACGGGGCCCGGAGGAATT
GGGCGCCGGGCCGAGAGCCCCCGCGCGCCCCCGGACTGGGGCGCGCTGTTGCTCCACAAGGCCAG
ATCCTGGCGCTGGCAGAAGACAAATCTGACCTTAAAACAGTGTGATGCAGAAGAAAATAAAAATCCCCA
AGCTTTCTCTTAATCATGTAGAAGAAGATGGAGAGGTTAAAGATTATGGGAAGAAGATTTACAGCTTAG
ACACATCAAGAGACCTGAGGGCGGAAGCCGAGCGAAGTGGCGCACAAAGAGCATCGAGGCAGTGGTGGCT
CGGCTAGAGAAGCAGAACGGCCTGAGCCTGGGCCATAGCACGTGTCCGGAAGAGGTCTTCGTGGAGGCCT
CGCCAGGCACAGAGGACATGGACAGTCTAGAAGATGCTGTGGTGCCTCCGGCTCTGTATGAGGAGCTGCT
GCGCAACTACCAGCAGCAACAGGAAGAGATGCGCCACCTCCAGCAGGAGCTGGAGCGGACTCGGAGGCAG
CTGGTACAACAGGCCAAGAAGCTCAAGGAGTACGGGGCACTTGTGTCTGAAATGAAGGAGCTCCGTGACC
TTAACCGGAGGCTCCAGGACGTGCTGCTCCTGCGGCTTGGCAGCGGTCCC GCCATTGATCTGGAAAAAGT
AAAGTCAGAAATGTCTCGAGCCCGAGCCGGAGTTACGGAGCACTTTCAGTGAGGAAGCAAATACGTCGTCC
TATTACCCGCTCCTGCGCCTGTCATGGACAAGTATATCTAGACAATGGCAAGGTCCATCTGGGAAGCG
GGATTTGGGTTGATGAGGAGAAAATGGCACCAGCTACAAGTAACCCAAGGAGATTTCAAGTACACGAAGAA
CTTGGCAGTTATGATTTGGGGAACAGATGTTCTGAAAAACAGAAGCGTACAGGCGTCGCCACAAAAAAA
AAGAAAGATGCAGTCCCTAAACCACCCCTCTCGCCTCACAACTAAGCATCGTCAGAGAGTGTGTTGTATG
ACAGAATAGCACAAAGAACTGTGGATGAAACTGAAATTGCACAGAGACTCTCAAAGTCAACAAGTACAT
CTGTGAAAAAATCATGGATATCAATAAATCCTGTAAAAATGAAGAACGAAGGGAAGCAAAAATACAATTTG
CAATAA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_024603 unedited</p> <pre>CGCATTTTGTATACGACTCCTATAGGCGGCNCGGAATTCGCACGAGGGAGCCCCCGCGC GCCCCCGCGACTGGGGCGCGCTGTTGCTCCACAAGGCCAGATCCTGGCGCTGGCAGAA GACAAATCTGACCTTGAAAACAGTGTGATGCAGAAGAAAATAAAATCCCCAAGCTTTCT CTTAATCATGTAGAAGAAGATGGAGAGGTTAAAGATTATGGGAAGAAGATTTACAGCTT AGACACATCAAGAGACCTGAGGGGCGGAAGCCGAGCGAAGTGGCGCACAAGAGCATCGAG GCAGTGGTGGCTCGGCTAGAGAAGCAGAACGGCCTGAGCCTGGGCCATAGCACGTGTCCG GAAGAGGTCTTCGTGGAGGCCTCGCCAGGCACAGAGGACATGGACAGTCTAGAAGATGCT GTGGTGCCCCGGGCTCTGTATGAGGAGCTGCTGCGCAACTACCAGCAGCAACAGGAAGAG ATGCGCCACCTCCAGCAGGAGCTGGAGCGGACTCGGAGGCAGCTGGTACAACAGGCCAAG AAGCTCAAGGAGTACGGNGCACTTGTGTCTGAAATGAAGGAGCTCCGTGACCTTAACCGG AGGCTCCAGGACGTGCTGCTCCTGAGGCTTGGCAGCGGTCCCGCCATTGATCTGGNAAA GTAAAGTCAGAATGTCTCGAGCCCAGNCGGAGTTACGGAGCACTTTCAGTGAGGAAGCA NATACGTCGTCTATTACCCCGCTCCTGCGCCTGTCATGGACAAGTATATCCTAGACAAT GGGCAGGTCCATCTGGGAAGCGGATTTGGGTTGATGAGGGAGAATGGCACCAGCTACAA GTACCCAGGAGATTNCCAGTACACGAAGAACTCGGCAGNTATGAATTTGGGGAACCGA GTTCTGAAAACAGAAGCGTTACAGGCGTCGCCCA</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_024603 unedited</p> <pre>TTACCAAGTTTCATTGCAAATTTGATTTATGGCTTCCCTTACGTTCTTCATTTTTACAGG ATTTATTGATATCCATGATTTTTTACAGATGTAAGTGTGACTTTGGAGAGTCTCTGTG CAATTTAGTTTTCATCCACAGTTTCTTGTGCTATTCTGTCATAACAACTCTCTGACGA TGCTTAGTTTGTGAGGCGAGAGGGTGGTTTAGGGACTGCATCTTCTTTTTTTTTGTGG CGACGCCTGTGACGCTTCTGTTTTTTCAGAACATCTGTTCCCAAATCATAACTGCCAAGT TCTTCGTGTAAGTGAATCTCCTTGGGTTACTTGTAGCTGGTGCATTTCTCCTCATCAA CCCAAATCCCCTTCCCAGATGGACCTTGCCATTGCTAGGATATACTTGTCCATGACAG GCGCAGGAGCGGGTAATAGGACGACGTATTTGCTTCCCTCACTGAAAGTGTCCGTAAGT CCGGCTCGGGCTCGAGACATTCTGACTTACTTTTTCCAGATCAATGGCGGGACCGCTGC CAAGCCTCAGGAGCAGCAGTCTGGAGCCTCCGGTTAAGGTACGGAGCTCCTTCATTT CAGACACAAGTGCCCCGACTCCTTGAGCTTCTTGGCCTGTTGTACCAGCTGCCTCCGAG TCCGCTCCAGCTCCTGCTGGAGGTGGCGCATCTTCTGTTGCTGCTGGTAGTTAGTGGCGA NCAGCTCCTCATACAGAGCCCGGNGCACACAGCATCTTCTAGACTGTCCATGNTCTGTG TGCTTGGCGAGGCTNACGAAGACCTCTTNCGACACGTGCTATGGNCCAGCTCANGC CGTTCTGCTTCTTAGCCGAGCCACACTGNCTCGATGCTCTTGTGGCGCACTTNGCTCGGC TTTTCGCCCTTCACTCTNGATGTGTCTAAGCTGTTAATCCTTCTCCCCATATCTTAAC CTCTCCATCTCCTTACATGATAGAGAAGCTGGN</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_024603
Insert Size:	1280 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_024603.1](#), [NP_078879.1](#)

RefSeq Size: 1342 bp

RefSeq ORF: 759 bp

Locus ID: 79656

UniProt ID: [Q7L4P6](#)

Cytogenetics: 1p33

Gene Summary: Acts as a transcriptional repressor (PubMed:23468431).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) encodes the longest isoform (1).