

Product datasheet for **SC327845**

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:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC327845 representing NM_024603. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTACGCCTTTGTGCGTTCTGGAGGACAACGTCTGCTACGCGCTGCCCGTGTGCTGCGTGCCGAC
TTCAGCCCCCGCTCGCGGCTGGATTTTGACAACCAAGAGGTGTACGCCGTGTACCGGGCCCGGAGGAA
TTGGGCGCCGGGCCGAGAGCCCCCGCGCCCGCCCGCGACTGGGGCGCGCTGTTGCTCCACAAGGCC
CAGATCTGGCGCTGGCAGAAGACAAATCTGACCTTGAACAGTGTGATGCAGAAGAAAATAAAAAATC
CCCAAGCTTTCTTAAATCATGTAGAAGAAGATGGAGAGTTAAAGATTATGGGAAGAAGATTTACAG
CTTAGACACATCAAGAGACCTGAGGGCGGAAGCCGAGCGAAGTGGCGCACAAAGACATCGAGGCAGTG
GTGGCTCGGCTAGAGAAGCAGAACGGCCTGAGCCTGGGCCATAGCACGTGTCCGGAAGAGGTCTTGTG
GAGGCCTCGCCAGGCACAGAGGACATGGACAGTCTAGAAGATGCTGTGGTGCCCGGGCTCTGTATGAG
GAGCTGCTGCGCAACTACCAGCAGCAACAGGAAGATGCGCCACCTCCAGCAGGAGCTGGAGCGGACT
CGGAGGCAGCTGGTACAACAGGCCAAGAAGCTCAAGGAGTACGGGGCACTTGTGTCTGAAATGAAGGAG
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CTGAAAAAAGTAAAGTCAGAATGTCTCGAGCCCGAGCCGAGTACGGAGCACTTTCAGTGAGGAAGCA
AATACGTCGTCTATTACCCCGCTCCTGCGCCTGTCATGGACAAGTATATCTAGACAATGGCAAGGTC
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AGAGAGTGTGTTGATGACAGAATAGCACAAGAACTGTGGATGAAACTGAAATTGCACAGAGACTCTCC
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GAAGCAAAATACAATTTGCAATAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_024603
Insert Size:	1266 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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_024603.3</u>
RefSeq Size:	1781 bp
RefSeq ORF:	1266 bp
Locus ID:	79656
UniProt ID:	<u>Q7L4P6</u>
Cytogenetics:	1p33
MW:	48.2 kDa
Gene Summary:	Acts as a transcriptional repressor (PubMed:23468431).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (1).